CONSTRUCTION NEWS

Some of the Week's Large Projects

AMONG the announcements for the current week are the following:

Proposed Work

Highways, Louisiana, State Hy. Comn., Baton Rouge, plans expending $16,000,000 during 1926.

Paving, Orlando, Fla., Orange Co. voted $7,000,000 bonds for paving 340 mi.

Theatre and office, Seattle, Wash., Publix Theatres Corp having sketches made, $5,000,000.

Apartment Hotel, St. Louis, Mo., Local Syndicate plans building, $5,000,000.

Railway extensions, equipment, and shops, San Francisco, California plans to appropriate $4,076,000.

Hotel, Santa Barbara, Calif., Biltmore Hotel Interests having plans prepared, $4,000,000.

Office, Chicago, Ill., Building Construction Employers Assn. having sketches made, $4,000,000.

Sewers, Chicago, Ill., City made plans for 10 mi. of sewers, $3,500,000.

Schools, Atlanta, Ga., voted $3,500,000 bonds for school buildings.

Sewers, Chicago, Ill., Bd. Local Impvts. plans 7.5 in. sewers, and 2 mi. relief sewers, total, $3,490,000.

Bids Wanted

Office, New York, N. Y., Lower Broadway Properties soon takes bids, $2,500,000.

Mill, Three Rivers, Que., St. Lawrence Paper Co., Ltd. taking bids for paper mill, $2,000,000.

Cold storage plant, Halifax, N. S., J. W. Norcross soon takes bids, $2,000,000.

Store, Baltimore, Md., Apr. 12, J. E. Sperry for Hockschild, Kohn & Co., $2,000,000.

City hall additions, Providence, R. I., City Com. Pub. Bldgs., Apr. 12, $1,000,000.

Theatre, store, and office, Los Angeles, Calif., G. A. Lansburgh, archt. for Warner Bros., $1,000,000.

Warehouse, New York, N. Y., Lincoln Storage Warehouse soon takes bids, $1,000,000.

Contracts

Furniture Mart, Chicago, Ill., American Furniture Mart to Wells Bros. Constr. Co., $2,000,000.

Tunnel, Pattenburg, N. J., Lehigh Valley R.R. Co. to Deats & Rogers, $1,500,000.

Office, New York, N. Y., Consolidated Gas Co. to Kenn-Well Constr. Co., $1,500,000.

Piers for bridge, Poughkeepsie, N. Y., F. S. Greene, supt. Pub. Wks. to Philipsburgh Constr. Co., $1,841,545.

Apartment, Philadelphia, Pa., Forty-third and Locust St. Building Co. to R. P. Whitty, $1,700,000.

Classified Index of Bids Wanted

Waterworks

Bids close		*See Eng. News-Record*
Apr. 9	Trenton, N. J.	Apr. 1
Apr. 12	New Britain, Conn.	Mar. 18
Apr. 12	Marshall, Mo.	Apr. 1
Apr. 12	Hastings, Neb.	Apr. 8
Apr. 13	Trenton, N. J.	Apr. 8
Apr. 13	Isola, Miss.	Apr. 8
Apr. 14	Cleveland, O.	Apr. 8
Apr. 14	Providence, R. I.	Apr. 8
Apr. 14	Okmulgee, Okla.	Apr. 1
Apr. 15	Salisbury, Md.	Mar. 25
	Adv. Mar. 25 to Apr. 8.	
Apr. 15	Kenosha, Wis.	Apr. 1
Apr. 15	Hastings, Neb.	Apr. 8
Apr. 16	Mackinaw, Mich.	Mar. 25
Apr. 19	Ebensburg, Pa.	Apr. 1
	Adv. Apr. 8.	
Apr. 19	St. Lambert, Que.	Apr. 1
Apr. 19	Los Angeles, Calif.	Apr. 8
Apr. 19	Harvey, N. D.	Apr. 8
Apr. [illegible]	Key West, Fla.	Apr. 8
	Adv. Apr. 8.	
Apr. 20	Saltsburg, Pa.	Apr. 8
	Adv. Apr. 8.	
Apr. 22	Kingston, N. Y.	Apr. 8
	Adv. Apr. 8.	
Apr. 26	Northwalk, Conn.	Apr. 8
	Adv. Apr. 8.	
Apr. 28	Bath, N. Y.	Apr. 1
	Adv. Apr. 1 and 8.	
Apr. 29	Nyack, N. Y.	Apr. 8
	Adv. Apr. 8.	
Apr. 30	New Market, Va.	Mar. 25

Sewers

Apr. 9	Boston, Mass.	Apr. 1
Apr. 12	Buffalo, N. Y.	Mar. 18
Apr. 12	Greenburgh, N. Y.	Apr. 1
	Adv. Mar. 25 to Apr. 8.	
Apr. 12	Schaller, Ia.	Apr. 1
Apr. 13	Audubon, Ia.	Apr. 8
Apr. 14	Brooklyn, N. Y.	Apr. 8
Apr. 14	Oakhurst, N. J.	Apr. 8
	Adv. Apr. 8.	
Apr. 14	Baltimore, Md.	Apr. 8
Apr. 14	Beloit, Wis.	Apr. 8
Apr. 14	Chicago, Ill.	Apr. 8
Apr. 19	Okemah, Okla.	Apr. 8
Apr. 19	Hasbrouck Heights (Ind. br. Hackensack), N. J.	Apr. 1
	Adv. Apr. 1 and 8.	
Apr. 19	Harvey, N. D.	Apr. 8
Apr. 20	Corsicana, Tex.	Apr. 8
	Adv. Apr. 8.	
Apr. 20	Lakeland, Fla.	Apr. 1
	Adv. Mar. 25 to Apr. 8.	
Apr. 20	Muskegon, Mich.	Apr. 1
Apr. 21	San Francisco, Calif.	Apr. 8
Apr. 21	Antigo, Wis.	Mar. 25
	Adv. Apr. 8.	

Bids close		*See Eng. News-Record*
Apr. 21	Grand Rapids, Mich.	Apr. 1
Apr. 29	North Chattanooga (br. Chattanooga), Tenn.	Apr. 1
May 3	South Portland, Me.	Apr. 8
	Adv. Apr. 8.	
May 6	Bloomington, Ill.	Apr. 8
	Adv. Apr. 8.	

Waste Disposal

Apr. 12	Highlands, N. J.	Apr. 8
	Adv. Apr. 8.	

Bridges

Apr. 10	Johnstown, Pa.	Mar. 25
Apr. 12	Indianapolis, Ind.	Mar. 25
Apr. 12	Marshalltown, Ia.	Apr. 8
Apr. 13	Marengo, Ia.	Apr. 8
Apr. 13	Omaha, Neb.	Apr. 1
Apr. 14	Mississippi	Mar. 25
Apr. 15	Nevada, Ia.	Apr. 8
Apr. 15	Cedar Rapids, Ia.	Apr. 8
Apr. 15	Chicago, Ill.	Apr. 8
Apr. 16	Cincinnati, O.	Mar. 25
Apr. 16	Ohio	Apr. 8
Apr. 19	Seneca, Kan.	Apr. 8
Apr. 20	Amherst, Mass.	Apr. 8
Apr. 21	Eldorado, Kan.	Apr. 1
Apr. 22	North Dakota	Mar. 18
Apr. 26	California	Apr. 8
Apr. 29	Louisiana	Apr. 8
Apr. 30	Olathe, Kan.	Apr. 8
Apr. 30	Duluth, Minn.	Mar. 25
May 1	Val Morin, Que.	Apr. 8
May 3	Morgantown, W. Va.	Apr. 8
	Adv. Apr. 8.	
May 4	Maine	Apr. 8
May 15	Anderson, Ind.	Apr. 8
May 19	Minneapolis, Minn.	Apr. 8
	Adv. Apr. 8.	

Dams

Apr. 16	Livonia, N. Y.	Mar. 25
	Adv. Mar. 25 to Apr. 8.	

Excavation, Drainage, Irrigation, Levees, River and Harbor

Apr. 10	Pulaski, Ill.	Apr. 1
Apr. 10	Sardis, Miss.	Apr. 1
Apr. 13	Baton Rouge, La.	Apr. 1
Apr. 14	Bradenton, Fla.	Mar. 25
	Adv. Mar. 25 and Apr. 1.	
Apr. 14	New York	Apr. 1
Apr. 16	Montague, Calif.	Apr. 8
Apr. 16	Urbana, Ill.	Apr. 8
Apr. 19	Thermalito, Calif.	Apr. 8
Apr. 19	Cape Girardeau, Mo.	Apr. 8
Apr. 23	Albany, N. Y.	Apr. 8
	Adv. Apr. 8.	
Apr. 27	New York	Apr. 1
	Adv. Apr. 1 and 8.	

Streets and Roads

Bids close		*See Eng. News-Record*
Apr. 9	Cincinnati, O.	Apr. 1
Apr. 9	Bridgeton, N. J.	Apr. 8
Apr. 9	St. George, N. Y.	Apr. 8
Apr. 12	Brookline (br. Boston), Mass.	Apr. 8
Apr. 12	Kentucky	Mar. 11
Apr. 12	Akron, O.	Mar. 11
Apr. 12	Kentucky	Mar. 18
Apr. 12	Keokuk, Ia.	Apr. 1
Apr. 12	California	Apr. 1
Apr. 12	New Jersey	Apr. 1
Apr. 12	Oakland, Calif.	Apr. 1
Apr. 12	San Diego, Calif.	Apr. 1
Apr. 12	Huntington, W. Va.	Apr. 8
Apr. 12	West Allis, Wis.	Apr. 8
Apr. 12	Marshalltown, Ia.	Apr. 8
Apr. 13	Johnstown, Pa.	Apr. 8
Apr. 13	Maryland	Apr. 8
	Adv. Apr. 1 and 8.	
Apr. 13	Bridgeton, N. J.	Apr. 8
	Adv. Apr. 8.	
Apr. 13	Newton, Ia.	Apr. 8
Apr. 13	Baird, Tex.	Apr. 8
Apr. 13	Washington	Apr. 1
Apr. 13	Baird, Tex.	Apr. 1
Apr. 13	Louisiana	Mar. 18
Apr. 13	St. Louis, Mo.	Mar. 25
Apr. 13	North Dakota	Apr. 1
Apr. 13	St. George, N. Y.	Apr. 8
Apr. 13	St. Paul, Minn.	Apr. 8
Apr. 13	Grand Rapids, Mich.	Apr. 8
Apr. 13	Towson, Md.	Apr. 8
Apr. 14	Baltimore, Md.	Apr. 8
Apr. 14	Bad Axe, Mich.	Apr. 8
Apr. 14	Abilene, Tex.	Apr. 8
Apr. 14	North Dakota	Apr. 1
Apr. 14	Florida	Mar. 25
Apr. 14	Delaware	Mar. 25
Apr. 14	Houma, La.	Apr. 1
Apr. 14	Abilene, Tex.	Apr. 8
Apr. 14	Grundy Center, Ia.	Apr. 8
Apr. 14	Brooklyn, N. Y.	Apr. 8
Apr. 14	Ft. Madison, Ia.	Apr. 8
Apr. 14	Kenosha, Wis.	Apr. 8
Apr. 14	Platte City, Mo.	Apr. 8
Apr. 14	Grand Junction, Colo.	Apr. 8
Apr. 15	Kenmore, O.	Apr. 8
Apr. 15	Cedar Rapids, Ia.	Apr. 8
Apr. 15	Mt. Vernon, Wash.	Apr. 8
Apr. 15	Virginia	Apr. 8
Apr. 15	Clarendon, Tex.	Apr. 8
Apr. 15	Sherman, Tex.	Apr. 8
Apr. 15	Marion, O.	Apr. 8
Apr. 15	Big Springs, Tex.	Apr. 8
Apr. 15	Anderson, Ind.	Apr. 1
Apr. 15	Birmingham, Ala.	Mar. 18
Apr. 15	Birmingham, Ala.	Mar. 11
Apr. 15	Tarrant City, Ala.	Mar. 18
Apr. 15	North Dakota	Apr. 1
Apr. 15	Louisiana	Mar. 25

See proposal advertising on page 138, Advertising Section

TRADE **"LEADITE"** MARK

Registered U. S. Pat. Office

A list of the Country's principal cities, large and small—

Is a list of the satisfied users of LEADITE.

Leadite Users are Leadite Boosters

EAST or West, North or South, take your pick of the cities—and you'll find many of them on the customer list of Leadite—

The country's principal cities, large and small—the country's representative water works engineers, construction companies and water works departments of industrial plants, railroads and mines are strong for Leadite for jointing cast iron water mains—

Are demonstrating what you will be able to do when you use Leadite—

What, for instance?—

You will do away with the need for caulking—or the need for digging out for large bell holes.

You will be able to use Leadite for all sizes of pipe from 4 in. to 60 in. diameter—under all pressures and conditions—

Give Leadite a trial.

Leadite resists electrolysis.

Leadite does not corrode or rust.

Leadite has been successfully tested and used for over 30 years.

Thousands of miles of pipe jointed with Leadite are in service.

The up-to-date water works man specifies and uses LEADITE.

LEADITE saves at least 75%

LEADITE is the pioneer self-caulking material for c. i. pipe

Be Sure It Is LEADITE and Accept No Imitations

THE LEADITE COMPANY, Inc.

1511 Land Title Building, Philadelphia, Pa., U. S. A.

NO CAULKING

Bids close		See Eng. News-Record
Apr. 15	Fine, N. Y. Adv. Apr. 1 and 8.	Apr. 1
Apr. 15	Virginia	Apr. 1
Apr. 15	Big Springs, Tex.	Apr. 8
Apr. 15	Sweetwater, Tex.	Apr. 8
Apr. 15	Colorado	Apr. 8
Apr. 15	Wisconsin	Apr. 8
Apr. 15	New York, N. Y.	Apr. 8
Apr. 16	Kaukauna, Wis.	Apr. 8
Apr. 16	Wisconsin	Apr. 8
Apr. 16	Oswego, Kan.	Mar. 25
Apr. 16	Brownsville, Tex.	Apr. 1
Apr. 16	Brownsville, Tex.	Apr. 8
Apr. 16	Ohio	Apr. 8
Apr. 17	Kelso, Wash.	Apr. 8
Apr. 17	Oconomowoc, Wis.	Apr. 1
Apr. 17	Burlington, Wis.	Apr. 8
Apr. 19	Floydada, Tex.	Apr. 1
Apr. 19	Minneapolis, Minn.	Apr. 1
Apr. 19	Boston, Tex.	Apr. 8
Apr. 19	San Diego, Calif.	Apr. 8
Apr. 19	California	Apr. 8
Apr. 19	Hannibal, Mo.	Apr. 8
Apr. 19	Dunbar, W. Va. Adv. Apr. 8.	Apr. 8
Apr. 19	Olympia, Wash.	Apr. 8
Apr. 19	Hastings, Minn.	Apr. 8
Apr. 20	Massachusetts	Apr. 8
Apr. 20	Minnesota	Apr. 8
Apr. 20	North Dakota	Apr. 8
Apr. 20	Maryland Adv. Apr. 8.	Apr. 8
Apr. 20	West Virginia Adv. Apr. 1 and 8.	Apr. 1
Apr. 20	Pennsylvania Adv. Apr. 1 and 8.	Apr. 1
Apr. 20	Birmingham, Ala.	Mar. 11
Apr. 20	Lyons, Kan.	Mar. 25
Apr. 20	New York Adv. Apr. 1 and 8.	Apr. 1
Apr. 21	Freehold, N. J. Adv. Apr. 1 and 8.	Apr. 1
Apr. 21	Greensburg, Pa.	Apr. 8
Apr. 21	North Dakota	Apr. 8
Apr. 22	North Dakota	Apr. 8
Apr. 23	North Dakota	Apr. 8
Apr. 26	California	Apr. 8
Apr. 26	Indianapolis, Ind.	Apr. 8
Apr. 26	Olympia, Wash.	Apr. 8
Apr. 27	Newton, N. J. Adv. Apr. 8.	Apr. 8
Apr. 27	Hondo, Tex.	Apr. 8
Apr. 27	Louisiana	Apr. 8
Apr. 28	Florida	Apr. 8
Apr. 28	Uvalde, Tex.	Apr. 8
Apr. 28	Dickinson, N. D.	Apr. 8
Apr. 28	Mobile, Ala. Adv. Apr. 1 and 8.	Apr. 1
Apr. 30	West Virginia Adv. Apr. 1 and 8.	Apr. 1
May 1	Birmingham, Ala.	Mar. 25
May 1	Florence, Ala.	Apr. 1
May 15	Anderson, Ind.	Apr. 8

Buildings—Commercial

Apr. 9	Urbana, Ill.	Mar. 25
Apr. 9	Lockport, N. Y.	Apr. 8
Apr. 10	Allentown, Pa.	Apr. 8
Apr. 12	Baltimore, Md.	Apr. 8
Apr. 12	Des Plaines, Ill.	Apr. 8
Apr. 12	Wash., D. C.	Apr. 1
Apr. 14	Hastings, Neb.	Apr. 8
Apr. 16	San Antonio, Tex.	Apr. 1
Apr. 20	Lawrence, Kan.	Apr. 8
May 1	Birmingham, Ala.	Apr. 1
May 4	Iowa City, Ia.	Apr. 1
May 6	Thiells, N. Y. Adv. Apr. 8.	Apr. 8

Buildings—Industrial

Apr. 14	Highlands, N. C.	Apr. 1

Buildings—Educational, Religious

Apr. 12	Providence, R. I.	Apr. 8
Apr. 13	Jacksonville, Fla.	Mar. 25
Apr. 13	Chicago, Ill.	Apr. 1
Apr. 13	Decorah, Ia.	Apr. 8
Apr. 14	Fordson (Detroit P. O.), Mich.	Mar. 4
Apr. 15	Tuscaloosa, Ala.	Mar. 25
Apr. 15	Lawrence, Kan.	Mar. 25
Apr. 15	Canton, O.	Apr. 1
Apr. 15	Sherbrooke, Que.	Apr. 8
Apr. 15	Seward, Neb.	Apr. 8
Apr. 17	Cleveland, O.	Apr. 1
Apr. 19	Montrose, N. Y.	Apr. 8
Apr. 20	Des Moines, Ia.	Apr. 8
Apr. 21	Richmond Hill (Ind. br. Jamaica), N. Y.	Apr. 8
Apr. 22	Pelham (Ind. br. New York), N. Y.	Apr. 8
Apr. 22	Greenville, O.	Apr. 8
Apr. 22	Abbeville, La.	Apr. 8
Apr. 23	Minneapolis, Minn.	Apr. 8
Apr. 27	New York, N. Y.	Apr. 8
Apr. 28	Corning, N. Y.	Apr. 8
Apr. 28	Bowling Green, O.	Apr. 1

Federal Government Work

Apr. 12	Dredging — Hartford, Conn.	Mar. 11
Apr. 12	Levee—Memphis, Tenn.	Mar. 25
Apr. 12	Remodeling—Santa Barbara, Calif.	Mar. 25
Apr. 12	Wire, etc.—Memphis, Tenn. Adv. Apr. 1 and 8.	Apr. 1
Apr. 12	Extension—Santa Barbara, Calif.	Apr. 1
Apr. 13	Remodeling—Chester, Pa.	Mar. 25
Apr. 13	Road—Idaho	Apr. 8
Apr. 14	Quarters—Astoria, Ore.	Apr. 1
Apr. 15	Earthwork—New Orleans, La.	Mar. 25
Apr. 15	Road—California	Apr. 8
Apr. 15	Reservoir—Dix, N. J. Adv. Apr. 8.	Apr. 8
Apr. 16	Dredging—Galveston, Tex. Adv. Mar. 18 to Apr. 8.	Mar. 18
Apr. 16	Quarantine Station—Mobile, Ala.	Mar. 25
Apr. 16	Mezzanine, etc.—Syracuse, N. Y.	Apr. 1
Apr. 19	Extension—Macomb, Ill.	Apr. 1
Apr. 20	Turbine, etc.—Nebraska and Wyoming	Mar 18
Apr. 20	Addition—Newark, N. Y.	Apr. 1
Apr. 20	Cable—Buffalo, N. Y. Adv. Apr. 1 and 8.	Apr. 1
Apr. 20	Fill—Gulfport, Miss.	Apr. 8
Apr. 20	Steel—San Francisco, Calif. Adv. Apr. 8.	Apr. 8
Apr. 21	Wicket Irons—St. Louis, Mo. Adv. Apr. 8.	Apr. 8
Apr. 21	Road—Nevada	Apr. 8
Apr. 21	Hospital—Wash., D. C. Adv. Mar. 25 to Apr. 8.	Mar. 25
Apr. 21	Extension—Oklahoma City, Okla.	Apr. 1
Apr. 21	Storage—Pensacola, Fla.	Apr. 1
Apr. 22	Granite—Wash., D. C. Adv. Mar. 25 to Apr. 8.	Mar. 25
Apr. 22	Dredging—Ft. Mifflin (mail Essington), Pa.	Apr. 1
Apr. 22	Remodeling—Wash., D. C.	Apr. 8
Apr. 22	Brush and Poles—Memphis, Tenn.	Apr. 1
Apr. 23	Gate Buildings—Phila., Pa. Adv. Apr. 8.	Apr. 8
Apr. 27	Recreation, etc. — Pennsylvania	Apr. 1
Apr. 28	Catamarans—Norfolk, Va.	Apr. 1
Apr. 28	Quarters—Wash., D. C.	Apr. 1
Apr. 28	Quarters—Chelsea, Mass. Adv. Apr. 8.	Apr. 8
Apr. 29	Excavation, etc.—Easton, Wash.	Apr. 1
Apr. 30	Cranes—Wash., D. C. Adv. Apr. 1 and 8.	Apr. 1
May 4	Power Plant—Wash., D. C. Adv. Apr. 8.	Apr. 8
May 5	Dredging—South Boston (sta. Boston), Mass.	Mar. 25

Unclassified

Apr. 9	Special Work—New York, N. Y.	Apr. 1
Apr. 12	Power Plant Equipment—Richmond, Ind.	Mar. 25
Apr. 13	Culverts—Omaha, Neb.	Apr. 1
Apr. 15	Elevators—Saskatchewan	Apr. 8
Apr. 15	Lighting System—Oakhurst, N. J. Adv. Apr. 8.	Apr 8
Apr. 20	Unloader—New Orleans, La.	Mar. 25
May 5	Tunnel—San Francisco, Calif. Adv. Apr. 1 and 8.	Apr. 1
May 14	Tunnel—Oakland, Calif. Adv. Apr. 8.	Apr. 8
May 18	Signal System—Buffalo, N. Y.	Apr. 1

Materials

Apr. 12	Binder Stone or Gravel—Minneapolis, Minn.	Apr. 8
Apr. 12	Crushed Rock — New Jersey	Apr. 1
Apr. 13	Timber—New Orleans, La.	Apr. 8
Apr. 13	Pipe, etc.—Crowley, La.	Apr. 8
Apr. 19	Road Oil—Minneapolis, Minn.	Apr. 8
Apr. 20	Asphalt, etc.—Newton, N. J. Adv. Apr. 8.	Apr. 8
Apr. 20	Road Signs—Iowa	Apr. 1
Apr. 30	Road Oil—Nashville, Tenn.	Mar. 25

News of New Work

Waterworks

Proposed Work

Mass., Melrose (br. Boston)—Voted $20,000 bonds, mains in various streets. Engineer not selected.

Conn., Mansfield — State plans 500,000 gal. water supply to furnish both Institute of Feeble Minded and Connecticut Agricultural College. $150,000. C. M. Saville, 1026 Main St., Hartford, engr.

Va., Louisa — Soon takes bids waterworks improvements, incl. 75,000 gal. steel tank on 100 ft. steel tower, 6 in. mains, etc. McCreary Eng. Co., Citizens Southern Bldg., Atlanta, Ga., engrs.

W. Va., Williamson — Election Apr. 24, $240,000 bonds, waterworks. W. F. Hatfield, mayor.

Ga., Atlanta — Voted $500,000 bonds, waterworks. W. Sims, mayor. Noted Feb. 25.

Fla., Fort Myers—Voted $400,000 bonds, extending mains in various streets. O. M. Davison, mayor. Noted Mar. 18.

Miss., Waynesboro—City retained H. A. Mentz, engr., Hammond, La., to prepare plans and specifications waterworks and sewer improvements. $60,000 bonds voted.

Tenn., Algood—Making preliminary plans new waterworks. $20,000. C. J. Hampton, mayor. Engineer not announced.

Tenn., Riverview—See "Sewers."

O., Cincinnati—Hamilton Co. plans 82,349 ft. 6- to 8-in. mains in Water Supply Line 28, Dist. 7, (Fruit Hill and Forrestville), $192,513. L. C. Boyatt, Court House, engr.

THESE reports are grouped under each class (water-works, sewers, etc.) and under each stage of the work (proposed, bids desired, etc.), according to the following geographic sections: New England, Middle Atlantic, South, Middle West, between Mississippi and Rocky Mountains, Far West, and Canada.

Where name of official is not given inquiries should be addressed to City Clerk, County Clerk, or corresponding official.

Ill., Galesburg—Plans clearing ground, artificial lake, dam, purification plants, pumps and additional mains. $1,000,000. A. L. Richey, City Hall, engr.

Kan., Eldorado—Defeated $450,000 bonds, waterworks improvements, incl. dam, 16 and 18 in. c.i. pipe, etc. Black & Veatch, 700 Mutual Bldg., Kansas City, Mo., engrs. Noted Mar. 11.

Kan., Ft. Scott—Made preliminary plans waterworks improvements. $75,000. R. Tobs, Ft. Scott, engr.

Kan., Hillsboro—Voted $102,600 bonds, waterworks. F. E. Devlin Eng. Co., 614 Bitting Bldg., Wichita, engrs.

Mo., Bronson—Making surveys and plans complete waterworks. To exceed $15,000. Alexander Eng. Co., Woodruff Bldg., Springfield, engrs.

Tex., Olney—Voted $15,000 bonds, waterworks, extensions, additional mains, etc. M. T. McCracken, mayor.

Tex., Premont — Election soon $30,000 bonds, water system with 100 ft. steel tower and 8 in. mains in various streets. Address R. R. Mullen, Premont, judge.

Calif., Anaheim—E. B. Merritt, city clk. soon takes bids 1,000 ft. 16 in. and 5,000 ft. 4 in. Class C c.i. pipe in 12 or 16 ft. lengths with Class D fittings, etc.

Calif., Anaheim—Plans to purchase one 1,200 to 1,600 gal. deep well pump with one vertical, 440 volt, 3-phase, 50 cycle approximately 960 r.p.m. motor. E. B. Merritt, city clk.

Calif., Beverly Hills — B. J. Firminger, city clk. soon takes bids furnishing and installing 1,390 ft. 6 in. double dipped standard pipe.

Calif., Garden Grove—Orange Co. Water Works Dist. 3, making plans 125,000 gal.

See classified index on bids wanted on page 199

Quick Construction For Rush Work

Where early use is demanded of public construction, where an owner insists upon prompt occupancy or where work must be put in service promptly, ordinary concrete will not do.

In such cases it is profitable to use methods by means of which you can obtain strong concrete in *3 days* and better than ordinary concrete forever after with standard *Universal* cement, the same quality *Universal* as regularly used.

Detailed information on the methods for obtaining this time-saving, strong concrete in *3 days* is given in a folder which will be sent on request to

Universal Portland Cement Co.

Chicago Pittsburgh Minneapolis Duluth Cleveland Columbus New York

Concrete for Permanence

Waterworks (Continued)

steel tank on 95 ft. steel tower, etc. W. K. Hillyard, Courthouse, Santa Ana, engr. Noted Mar. 11.

Calif., Monticeto — Monticeto Co. water Dist. voted $676,000 bonds extending water system and tunnel work through mountains. Noted Mar. 11.

Calif., Orange—Plans to purchase 1,000 ft. 8 in. Class "B" c.i. bell and spigot water pipe. C. D. Lester, city clk. Noted Mar. 4.

Calif., San Diego — See "Streets and Roads."

Bids Desired

R. I., Providence—Apr. 14, by Water Bd., City Hall, 41 x 41 ft., brick, granite and steel, superstructure for gate house of Scituate Dam and 10 x 18 ft. siphon chamber of Sciutate Aqueduct, in Scituate. $15,000. City Engineer, 661 Westminster St., engr.

Conn., Norwalk — Apr. 26, by Dist. Comrs. 2nd Taxing Dist., City Hall, c.i. mains, etc. in various streets. N. S. Hill, Jr., 112 East 19th St., New York City, consult. engr.; adv. E. N.-R. Apr. 8.

N. Y., Kingston—Apr. 22, by Bd. Water Comrs., City Hall, c.i. pipe and special, Contr. A; and valves, Contr. B. Sanborn & Bogert, 30 Church St., New York City, consult. engrs.; adv. E. N.-R. Apr. 8.

N. Y., Nyack—Apr. 29, by Bd. Village Water Comrs., W. P. Bugbee, clk., improving waterworks, incl. filter plant, tank and tower, etc. N. S. Hill, Jr., 112 East 19th St., New York City, consult. engr.; adv. E. N.-R. Apr. 8.

N. J., Trenton—Apr. 13, by Mercer Co., steel water tank and line at workhouse, Moore's Station, here. $10,000. F. C. Carstarphen, 901 Edgewood Ave., Trenton, engr. Noted Mar. 8.

Pa., Saltsburg—Apr. 20, by R. L. McIlwain, secy. Boro Council, filtration plant and appurtenances. Hudson & Myron, 802 Wabash Bldg., Pittsburgh, engrs.; adv. E. N.-R. Apr. 8. Noted Mar. 11.

Fla., Key West—Apr. 20, by Bd. Trustees Monroe Co. Water Supply Dist., pipe lines and pumping equipment for bringing fresh water to Key West over the Florida Keys; adv. E. N.-R. Apr. 8. Noted Mar. 11.

Miss., Isola—Apr. 13, by City Clerk, completing waterworks and improving electric light plant. $15,000. H. A. Mentz, Hammond, La., engr.

O., Cleveland—Apr. 14, by Comrs. Cuyahoga Co., 6,500 ft. 8- to 12-in. c.i. mains in Wooster Pike, Impvt. 852. $20,000. F. Williams, Court House, engr.

Neb., Hastings — Apr. 12, by W. S. Watson, engr., Hastings, rein.-con. reservoir at power plant, for City. $30,000.

Neb., Hastings—Apr. 15, by Water Com., rein.-con. reservoir. $27,750.

N. D., Harvey—Apr. 19, by L. W. Miller, city aud., 12,800 ft. 8 in. c.i. pipe, 2 centrifugal pumps, power house, well, etc. $20,000. T. R. Atkinson, Bismarck, engr.

Ark., Little Rock — See "Contracts Awarded."

Calif., Los Angeles—Apr. 19, by Supervs. Los Angeles Co., centrifugal pump for well for 40 acre tract at county farm.

Bids Received

N. Y., Long Island City—N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., New York City, Mar. 30, mains, etc., in 32nd, 81st Aves., Dartmouth, Loubey, Pansy Sts., etc., here, from B. Costanzo, 2777 Myrtle Ave., Brooklyn, $10,400. Noted Mar. 25.

Pa., Phila.—Dept. Pub. Wks., Bureau of Water, Mar. 30, 16 and 24 in. pipe lines in Northeast Sect., Contr. 793, from M. and J. B. McHugh, 892 North Markoe St., $228,271 and $234,048.

Md., Baltimore—Bd. Awards, Mar. 31, excavating trenches in Western Dist. for Bureau Water Supply, from M. L. Quinn, 5308 York Rd., $34,965. Noted Mar. 25.

Mich., Detroit—Bd. Water Comrs., 35,315 ft. 6- to 16-in. c.i. mains, etc., Contr. 1926-4, and 40,820 ft. 6- to 16-in. Contr. 1926-6, from Robeck-Humphreys Co., 408 Securities Bldg., $20,787 and $26,912 respectively; 40,795 ft. 6- to 16-in. Contr. 1926-5, from J. W. Toyne, City Hall, South Bend, Ind., $25,250. Noted Mar. 11.

Wis., Milwaukee—Central Bd. Purchases, J. W. Nicholson, ch. buyer, Mar. 23, from U. S. Cast Iron Pipe & Fdry. Co., 122 South Michigan Blvd., Chicago, Ill., 2,279.705 tons plain straight pipe at $46.90 per ton, 94.50 tons lugged pipe $66.90, and 71.664 tons special castings $160. Noted Mar. 18.

Wis., Milwaukee — J. W. Nicholson, ch. buyer Central Bd. Purchases, Mar. 31, from Chapman Valve Mfg. Co., 650 West Lake St., Chicago, Ill., one 54 in. gate valve at $2,543 each, three 48 in. $2,079, three 42 in. $1,552, twelve 30 in. $662, and two 20 in. $283, total $28,132. Noted Mar. 25.

Tex., Floresville—Waterworks improvements, incl. large mains, pumps, etc., from J. W. Moore, Eastland, $26,177. Noted Mar. 4.

Tex., Greenville—Class B c.i. pipe, from A. D. Duck, Greenville, $54,256.

Contracts Awarded

N. Y., Saugerties—Bd. Water Comrs., 46 Market St., 1,674 tons 6- to 16-in. c.i. pipe to Warren Fdry. & Pipe Co., Phillipsburg, N. J., at $47.90 per ton; construction, to F. Hartman, Charlottesville, Va., $74,900. Noted Feb. 25.

D. C., Wash. — Washington Suburban Sanitary Comn., Evans Bldg., New York Ave. N. W., watermains and owners Constr. 58-W & S and 59-W & S, to W. H. Angle, Hagerstown, Md., $137,357 and $52,796 respectively. Noted Mar. 4.

Va., New Market—G. A. Woods, mayor, and Town Council, waterworks improvements, incl. Ambursen Dam, etc., to Boyd & Goforth, Charlotte, N. C., $91,243. Noted Mar. 25.

O., Avon Lake—Bd. Comrs., Lorain Co. (Elyria) mains in Sewer Dist. 1, to F. L. Cothrell, 1706 Jefferson Ave., Toledo, $118,000. Noted Jan. 7.

Wis., Milwaukee — Dept. Pub. Wks., R. Stoelting, comr., 25 m.g. pumping engine for Riverside Pumping Station, to Allis Chalmers Mfg. Co., National Ave., West Allis, $222,800. Noted Mar. 25.

Mo., St. Louis — G. J. Dietz, comr. supplies, City Hall, to Builders Iron Fdry., 9 Codding St., Providence, R. I., 60 controllers for filter plant at Howards Bend, St. Louis Co. $40,017; 2 venturi meter tables $3,860, 2 venturi registers complete $2,212; one master controller $1,700; to F. B. Leopold Co., Inc., 422 1st Ave., Pittsburgh, Pa., 20 marble top tables $10,800. Grand total $58,589. Noted Mar. 18.

Mo., Sedalia—City Water Co., 7.5 mi. 20 in. c.i. pipe line from Spring Fork Dam, to Cook & O'Bryan, 430 Ry. Exch. Bldg., Kansas City; and furnishing above pipe, to U. S. Cast Iron Pipe & Fdry. Co., Bessemer, Ala.

Ark., Little Rock—Arkansas Water Co., 112 East 7th St., S. R. Brough, supt., will lay new mains connecting city with North Little Rock system, incl. 16 in. c.i. mains to connect with 12 in. mains on this side, 16 in. steel pipe across Arkansas River, and 3,000 ft. 16 in. c.i. mains in North Little Rock, will be done by day labor. $50,000. Work involves 1,000 ft. 16 in. steel and 3,500 ft. 16 in. c.i. pipe. Will also install 5,000 ft. 12 in. rein.-con. mains for city high pressure system and 1.5 m.g. pump.

Tex., Abilene—Class "B" filtration plant, to R. J. Estep & Co., Praetorian Bldg., Dallas, $55,000. Noted Mar. 11.

Tex., Greenville—City, c/o M. C. Hale, secy., 3 m.g. filtration plant, to Natl. Water Purifying Co., Kaufman, $46,060.

Okla., Bethany—F. H. Stockton, city clk., new waterworks, to E. W. Baker, 1116 West Main St., Oklahoma City, $33,268. Noted Nov. 5.

Okla., Tulsa—Water Bd. Comrs., waterworks improvements, incl. Mohawk high-pressure water line, to Standard Paving Co., 1742 East 6th St., $745,000. Noted Feb. 11.

Wash., Tacoma—City Comrs., replacing decayed mains on overflow lines with electric welded steel pipe, to Birchfield Boiler Co., 2503 East 11th St., $19,236.

Calif., Ontario—City Council, 10 m.g. concrete lined reservoir, 20,000 cu.yd. excav., 19,000 cu.yd. fill, etc., to Herz & Co., San Bernardino, $50,971. Noted Dec. 10.

Calif., San Rafael — Marin Municipal Water Dist., welded steel pipe, to Western Pipe & Steel Co., 444 Market St., San Francisco, $153,485.

B. C., Vancouver—C. Brackenridge, City Hall, 2,100 ft. 36 in. and 5,600 ft. 26 in. steel riveted mains in various streets, to Hodgson, King & Marble, 626 Pender St. W., $39,920.

Sewers

Proposed Work

Mass., Melrose (br. Boston)—Voted $30,000 bonds, sewers and surface drainage. Engineer not selected.

Ga., Atlanta — Voted $2,000,000 bonds, sewers in various streets. W. Sims, mayor. Noted Feb. 25.

Fla., Fort Myers—Voted $815,000 bonds, sewers in various streets. O. M. Davison, mayor. Noted Mar. 18.

Miss., McComb—Election Apr. 9, $40,000 bonds, disposal plant, Imhoff tank and extending sewers in various streets. H. A. Mentz, Citizens Bank Bldg., Hammond, La., engr. Noted Mar. 25.

Miss., Waynesboro—See "Waterworks."

Tenn., Riverview—Election Apr. 9, $38,000 bonds, sewerage system and water mains, etc., in various streets.

Ky., Madisonville — Made preliminary plans new sewage disposal plant, incl. 9,000 ft. 21 in. vitr. clay pipe. $35,000. F. C. Newcom, Madisonville, engr.

O., Youngstown—Bd. Control soon takes bids 2 mi. 18- to 42-in. sanitary sewer in Bears Den Dist. $100,000. R. E. Turner, Youngstown, eng. comr.

Mich., Albion—Making preliminary plans sanitary sewers in various streets and disposal plant. $100,000. Burns and McDonnell, 401 Interstate Bldg., Kansas City, Mo., engrs.

Ill., Chicago—Made plans 10 mi. 3 to 12 ft. concrete or brick sewers in Clearing Dist. $3,500,000. H. E. Hudson, Room 207, City Hall, engr.

Ill., Chicago—Bd. Local Impvts. plans 7.5 mi. 3 ft. diam. concrete and brick sewers in Bertram Ave., $2,750,000; and 2 mi. 6 and 7 ft. diam. brick relief sewers in 74th St., $740,000. H. E. Hudson, Room 207, City Hall, engr.

Ill., Chicago — Bd. Local Impvts. soon takes bids 2.5 mi. 5 and 6 ft. brick sewers in Peterson Ave. $185,000. H. E. Hudson, City Hall, engr.

Ill., Melrose Park — Takes bids about July 1, concrete and tile sewers in various streets. $275,000. W. Thomas, City Hall, Oak Park, engr.

Ia., Cedar Rapids—Making plans sewer improvements, incl. disposal plant, sewage pumping station, 3 mains, etc. $90,000. L. J. Storey, city clk.

Neb., Columbus—Election soon $75,000 bonds, sewers in various streets.

Neb., Lincoln — Plans election $75,000 bonds, sewers in Meridian Rd. between 19th St. and Loup River, and 18th Ave. and Loup River. W. Becker, Columbus, clk.

Tex., Olney — Voted $30,000 bonds, new sewers in various streets. Montgomery & Ward, 545 Harvey Snider Bldg., Wichita Falls, engrs.

Okla., Medford — Plans new sewerage system. $25,000. E. T. Archer & Co., New England Bldg., Kansas City, Mo., engrs.

Okla., Prague — Made plans sanitary sewers in 4 mi. various streets. $25,000. V. V. Long & Co., 1300 Colcord Bldg., Oklahoma City, engrs. Noted Feb. 4.

California—Cities of Santa Ana, Orange, Anaheim, Placentia, Habra, Fullerton, Garden Grove, etc., making preliminary plans 2,700 lin.ft. 42 in. c.i. pipe laid in ocean, addition to screening plant of two screens, etc. $355,000 bond election soon for same. Burns-McDonnell-Smith Eng. Co., Rives-Strong Bldg., Los Angeles, engrs.

Calif., Arroyo Grande—Made plans 20,000 lin.ft. 6 and 8 in. sewer and 6,000 lin. ft. 4 in. house connections, etc., in various streets. To exceed $25,000. Burch & Beck, Commercial Bank Bldg., San Luis Obispo, engrs.

Calif., Bakersfield—Made plans 11,967 ft. 6 and 8 in. vitr. sewer, etc. in A and Palm Sts. W. D. Clark, city engr.

Calif., Marysville — City rejected bids sewer in F St.

Calif., San Francisco — Plans to appropriate $1,291,000 extending sewers in various streets. M. M. O'Shaughnessy, city engr.

Ont., Toronto—Scarborough Twp. plans 20,000 ft. vitr. clay and concrete sewer in Eastwood and Kilmer Ave. area. $150,000. C. E. Fraser, 1361 Kingston Rd., engr.

Ont., Toronto—York Twp., plans 1,900 ft. 6- to 12-in. vitr. tile sewer in Robina and Vimy Ridge Aves., $10,535, 2,250 ft. Weston Rd., $13,230, private drain connections on Holmesdale Crescent $2,400. F. B. Goedike, 40 Jarvis St., engr.

Bids Desired

Me., South Portland—May 3, by W. E. Brown, secy. South Portland Sewerage Dist., City Hall, constructing Sect. 2 of trunk sewer, Contr. B. G. H. Minott, pres.; adv. E. N.-R. Apr. 8.

N. Y., Brooklyn — Apr. 14, by J. A. Guider, pres. Brooklyn Boro, Boro Hall, relief sewers in 78th St., 5th and Narrows Aves.; reconstructing and enlarging sewer in 79th St.; sanitary and storm sewers in East 9th St. between Quentin Rd. and Kings Highway, and storm sewers in East 9th St. between Kings Highway and Avenue R, East 10th St. and 1st Court; also sewers in East 8th St. and Avenue O.

N. J., Oakhurst—Apr. 14, by Interlaken Boro Sewerage Dists. 1, 2, 3 and 4, Ocean Twp., Monmouth Co., H. M. Phoenix, chn., Mechanics Hall, settling tank and sea outoutlet into Atlantic Ocean, at Lock Arbour, here. J. W. Seaman, 210 Bway., Long Branch, engr.; adv. E. N.-R. Apr. 8.

Pa., Johnstown—See "Streets and Roads."

Md., Baltimore—Apr. 14, by Bd. Awards, constructing Sludge Drying Beds 11 to 14

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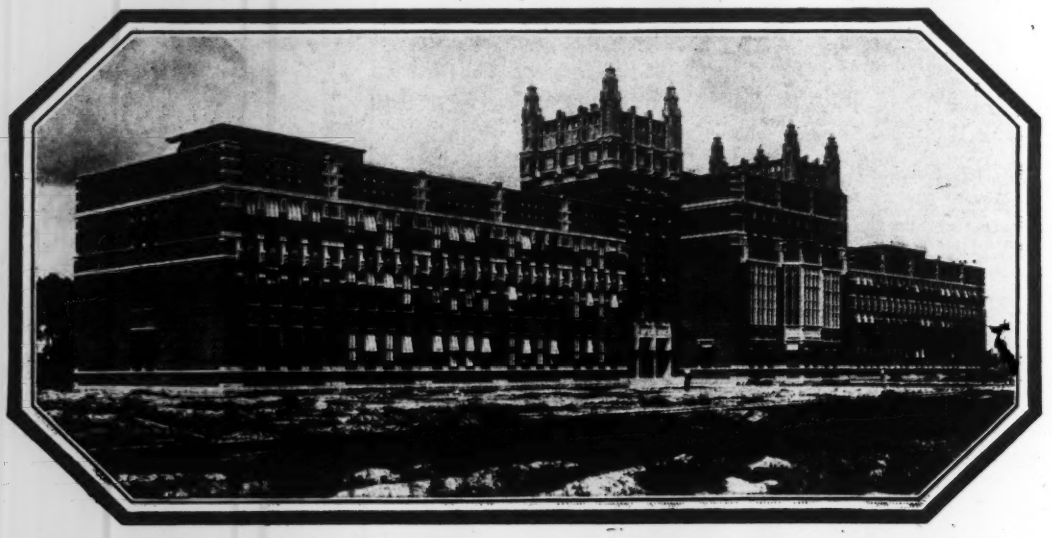

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Sewers (Continued)

(inclusive) at Back River Sewage Treatment Works, 57,200 cu.yd. excav., 45,100 cu.yd. rolled embankment, 68,490 lb. reinforcing bars, 120 tons c.i. pipe, and 2,500 ft. industrial railroad track, etc. M. J. Ruark, 311 Courtland St., sewage engr.

Mich., Muskegon — Apr. 20, by E. R. Cockerill, supt. Muskegon Co. Drains, City Hall, Muskegon Heights, Ruddiman Creek Drain, 5,386 ft. 18- to 60-in. rein.-con. vitr. clay or segmental block pipe, etc., here. $75,000. M. M. Buck, Union Bank Bldg., engr. Noted Feb. 18.

Ill., Bloomington — May 6, by Bd. Trustees Bloomington and Normal Sanitary Dist., J. W. Harber, pres., 422 Unity Bldg., sewage treatment plant and appurtenances. Taylor & Woltmann, 225 Unity Bldg., engrs.; adv. E. N.-R. Apr. 8.

Ill., Chicago — Apr. 14, by Bd. Local Impvts., 12- to 27-in. tile sewers in various streets. $150,000. H. E. Hudson, City Hall, engr.

Wis., Beloit—Apr. 14, by G. E. Heebink, City Hall, engr., 17,120 ft. 8- to 21-in. concrete or vitr. pipe sewers, etc., in various streets for city. Noted Jan. 14.

Ia., Audubon—Apr. 13, by City, J. L. Rippey, city clk., sewage disposal plant, rock filter, Imhoff tanks and 12,000 ft. 18 in. outlet sewers in various streets. $60,000. W. E. Buell & Co., 205 Davidson Bldg., Sioux City, engrs. Noted Mar. 4.

N. D., Harvey—Apr. 19, by L. W. Miller, city aud., 4,000 lin.ft. 24 in., 3,000 lin.ft. 18 in. and 3,000 lin.ft. smaller pipe, etc., in various streets. $25,000. T. R. Atkinson, Bismarck, engr.

Tex., Corsicana — Apr. 20, by J. P. Welch, city secy., extending sewerage system. W. W. McClendon, city engr.; adv. E. N.-R. Apr. 8.

Okla., Okemah—Apr. 19, by J. S. Price, city clk., 21,200 ft. 8- to 12-in. vitr. clay lateral sewers in Atlanta, Date, Plum, 5th, Columbia, Cherry and Poplar Sts. $32,316. V. V. Long & Co., 1300 Colcord Bldg., Oklahoma City, engrs.

Calif., North Sacramento—City Trustees taking bids 62,700 lin.ft. 6- to 15-in. vitr. sewers, etc., in various streets. $70,000 or more. Noted Mar. 18.

Calif., San Diego — See "Streets and Roads."

Calif., San Francisco—Apr. 21, by Bd. Pub. Wks., sewer in 43rd St., 620 lin.ft. 2 x 3 ft., 3,400 lin.ft. 2 ft. 6 in. and 3 ft. 9 in., and 1,244 lin.ft. 3 ft. x 4 ft. 6 in. rein.-con. sewer with portion of invert lined with vitr. brick, also 273 lin.ft. 8 and 18 in. iron stone pipe, etc. $70,000. M. M. O'Shaughnessy, city engr.

B. C., Vancouver — See "Contracts Awarded."

Bids Received

Pa., Phila.—Dept. Pub. Wks., Bureau of Engineering, Mar. 31, general contract, 1 story, basement and sub-basement, 64 x 139 ft., brick and steel encased in concrete pumping station, at Northeast Sewage Treatment Works, Wheatsheaf Lane east of Richmond St., from Evans-Steele Inc., 2217 Chestnut St., $329,876; mechanical equipment, from C. M. Brown & Co., Lafayette Bldg., $253,000; and electrical equipment, from Ross Electric Constr. Co., 106 Fairmont St., $95,800. Noted Mar. 18.

La., Baton Rouge—Comn. Council, Mar. 24, sanitary sewers in McCall and Lake Hills subdivision, from C. B. Stewart, Baton Rouge, $17,500. Noted Mar. 18.

Minn., St. Paul — A. E. Eggert, city purch. agt., Mar. 23, 13,852 lin.ft. 12- to 66-in. sewer in St. Paul Ave. Sewer Dist. 2, Div. B, from Thornton Bros., 318 Endicott Bldg., $93,887. Noted Mar. 18.

Calif., Los Angeles — From Chutuk & Vukojevich, 1506 Pleasant St., sewer in portion of Sawtelle Blvd. $37,165, and 22,355 ft. house sewers $0.99 per ft.; from G. M. Wucetich, 1057 North Chicago St., sewer in portion of Cantiela Ave. $25,635, and 7,920 ft. house sewers $0.92; from M. Miller, 208 West 2nd St., sewer in Hyde Park Blvd. between Van Ness Ave. and West Blvd., $36,799, and 17,148 ft. house sewers $1.26, also sewer in Arlington, 2nd and 3rd Aves., etc., $13,571, and 15,892 ft. house sewers $0.90; from L. Militich, 610 West 64th St., 62,790 ft. 6- to 12-in. vitr. sewer in Milton Ave. $74,726, also storm drain in Beverly Blvd. between La Brea Ave. and Highland Ave., $50,000. Noted Feb. 25 and Mar. 25.

Contracts Awarded

N. Y., New York — W. J. Flynn, acting pres. Bronx Boro, Crotona Park, Tremont and 3rd Aves., sewers in East 22nd St., to C. Turiano Contg. Co., 3185 East Tremont Ave., $31,389; Warring Ave., to C. E. Farrell Contg. Co., 1981 Pilgrim Ave., $2,290; Truxton St., to Slack & Slack, 143 Westchester Sq., $11,551; in Randall Ave. and receiving basins in Warring and Laconia Aves., to F. Spedero, 3185 East Tremont Ave., $3,963 and $1,130 respectively. Grand total $50,323. Noted Apr. 1.

Pa., Phila.—Dept. Pub. Wks., Bureau of Engineering, to J. Hastie, 5720 Virginia Rd., branch sewer in Ashville St. $3,904, Decatur Ave. $4,035, and Brill St. $9,542, to Perna Engineering & Contg. Co., 362 North 65th St., Caster St. $5,053, to De Mayo Bros., 8175 Hutchinson St., Comly St. $10,802, to J. J. McHugh, 1617 Race St., Cottman St. $5,460, to P. Pinciotto, 4103 Roosevelt Blvd., Devereaux St. $39,304, to P. and A. J. Ellis, 4th and Wyoming Sts., 11th St. $23,354, to Vattieri & Pontarelli, 523 Rising Sun Lane, James St. $1,976, Large St. $4,534, Longshore St. $13,788, Sanger St. $10,347, Loretto St. $10,233, Rowland St. $7,908, and Marsden St. $3,245, to E. F. Bennis, 825 East Washington Lane, Mooreland St. $22,272, to A. Mattia, 310 North 65th St., Pickwick St. $2,468, and Thompson St. $4,725, to A. J. Henderson, 825 East Washington Lane, Pittville St. $8,462, to A. DiSandro & Son, 3906 North 5th St., Sanger St. between Fontenoc and Loretto Sts. $4,515, to A. Bonitatibus, 300 West Mt. Pleasant Ave., 17th St. $18,581, to A. Frenzi, 513 High St., 20th St. $20,787, to A. Perna & Son, 752 South 10th St., Upland Way $8,042; to F. T. Buckins, 4050 Kensington Ave., main sewer in Tulip St. $45,723, and to J. and R. Lombardi, Lincoln Bldg., Greenwood St. $45,975. Grand total $335,036.

W. Va., Morgantown—W. E. Brooks, city mgr., sewers in various streets, to B. M. Chapin Constr. Co., Morgantown, $30,831. Noted Mar. 18.

Fla., Wauchula—Storm sewers in various streets, to E. M. Scheflow Co., Wauchula, $78,000.

O., Akron — F. Peters, dir. Pub. Serv., *(e. e. means engrs. est.)* 4,700 ft. 8- to 36-in. vitr. clay sewer in Diagonal Rd. et al., and 815 ft. 18 in. in West Market St., to McCourt Constr. Co., 369 South Main St., $28,804 and $13,019 respectively, e. e. $38,800 and $16,800 respectively; 1,830 ft. 8- to 15-in. in Elinor and Norton Sts. and 3,750 ft. 8- to 30-in. in Lucille St. et al., to Shullo & De Luca Constr. Co., 140 North Summit St., $8,390 and $16,595 respectively, e. e. $9,200 and $22,100 respectively; 1,140 ft. 8 in. in Spring and Stuber Sts., to F. A. Jordano, 1232 Andrus St., $3,710, e. e. $4,400. Grand total $70,518. Noted Apr. 1.

O., Cleveland—For 1,925 ft. 12- to 24-in. vitr. tile sewers in Delora Ave., and 360 ft. 12 in. in West 41st St., to E. Cesa, 2462 Baldwin Rd., $6,194 and $1,090 respectively; 600 ft. 3 C brick, and 1,565 ft. 12- to 24-in. vitr. tile sewer in East 53rd St., to Manson Co., Engineers Bldg., $14,919; 350 ft. 2 C brick, and 1,050 ft. 12-in. vitr. tile sewer in East 39th St., to Amata Constr. Co., 5910 Kinsman Rd., $8,187; sewer in Mohican Ave., to J. B. Lynn Constr. Co., 16311 Saranec Rd., $4,540; 1,950 ft. 15- to 24-in. vitr. tile sewer in Elsienna Ave., to A. J. Galvin, 16509 Clare Ave., Lakewood, $4,415; and 2,175 ft. 12- to 24-in. vitr. tile sewer in Caine Ave., to Angelo Marra Co., Engineers Bldg., $9,765. Grand total $49,110.

Wis., Milwaukee — J. H. Fowles, secy. Metropolitan Sewerage Comn., 508 Market St., two 2,500 gal. motor operated, float controlled, centrifugal pumps for Dillard Ave., low level sewage booster station, to Yeomans Bros. Co., 1433 Dayton Ave., Chicago, Ill., $9,560. Noted Mar. 25.

Kan., Lyons—Sewers in various streets, to Gjeelefeld & Chapman Co., Forest City, $31,400.

Kan., Mankato — City Clerk, sewers in various streets, and disposal plant, to Reed & Wheelock, Clay Center, $25,579.

Mo., Kansas City—Bd. Pub. Wks., City Hall, sanitary sewers in Blue River Dist. 1, to Whitmire Constr. Co., North Kansas City, $247,961; and Dist. 2, to Chanute Constr. Co., 200 Walsix Bldg., $68,132. Noted Mar. 4.

Tex., Alice—Complete sewerage system, to Kirkwood, Wharton & Lee, 121 Commerce St., San Antonio, $50,000. Noted Mar. 18.

Tex., Waco — Sewage treatment plant, general contract, to J. E. Johnson, Waco, $145,277; piping and sluice gates complete, to McCall Eng. Co., Waco, $36,450; motors and compressors, to San Antonio Machine Supply Co., 325 North Center St., $15,303; 3 centrifugal pumps complete, to Industrial Electric Co., 505 Exposition Bldg., Dallas, $3,559; 2 diaphram type sludge pumps complete, and 3 rotary sludge drag with clarification tanks complete, to Dorr Co., 310 South Michigan Blvd., Chicago, Ill., $3,000 and $12,060 respectively; 2 horizontal sludge drags with pre-sedimentation tanks complete, to Link Belt Co., Hunting Park opposite Nicetown St., $3,960. Grand total $220,209. Noted Apr. 1.

Tex., Wichita Falls—Sewage treatment works, incl. North Side River Syphon, pumping station, force mains and screen chamber, 2 story settling tanks, sludge drying beds, dosing tanks and equipment, trickling filter and equipment, final settling tank, mains, operators house, etc., to Callahan-Whitham-McFarlane, Wichita Falls, $267,800. Noted Jan. 28.

S. D., Sioux Falls—City Comrs., sewage disposal plant, incl. Dorr mechanism, to Sioux Falls Constr. Co., 267 Boyce & Greeley Bldg., $559,452. Noted Mar. 4.

Wash., Longview—Storm and sanitary sewers in L. I. D. 14 and 12, to McAuliffe & Whitney, Longview, $11,064 and $193,256 respectively; and L. I. D. 13, to F. A. Keasal Co., 1004 North Cushman St., $10,067. Grand total $214,387. Noted Mar. 18.

Calif., Los Angeles—Storm drain in La Brea Ave. between 1st and 9th Sts., etc., to United Concrete Pipe & Constr. Co., P. O. Box 6, Ventura, $66,000. Noted Mar. 25.

B. C., North Burnaby — Municipality, sewers and lateral connections in various streets, to N. Cosco, 1174 Bway., West Vancouver, $23,825; to Harrison & Lamond Constr. Co., Bank of Nova Scotia Bldg., Vancouver, $18,050, and to J. W. Kelly, 510 Boundary Rd., Burnaby, $14,326. Grand total $56,201.

B. C., Vancouver—W. McQueen, city clk., will build sewers in various streets, by day labor. $25,000. C. Brackenridge, city engr.

Waste Disposal

Proposed Work

Fla., Fort Myers—Voted $45,000 bonds, incinerator. O. M. Davison, mayor. Noted Mar. 18.

Ont., St. Catharines—City council plans incinerator. $35,000. A. Lamson, City Hall, engr.

Ont., St. Catharines—City Council plans garbage incinerator, concrete and brick, etc. $31,000. B. J. Lamson, City Hall, engr.

Bids Desired

N. J., Highlands—Apr. 12, at Boro Hall, 30 ton incinerator. C. G. Johnson, boro clk.; adv. E. N.-R. Apr. 8.

Bids Received

Tex., Ft. Worth—O. E. Carr, city mgr., incinerator at North Fort Worth and one at Arlington Heights, from Superior Incinerator Co., Wilson Blvd., Dallas, 3½ ton, $67,000; from Nye Odorless Crematory, Macon, Ga., 4½ ton $68,000. Noted Dec. 17.

Bridges

Proposed Work

Mass., Boston—Dept. Pub. Wks., making plans rebuilding steel and concrete bridge over New York, New Haven and Hartford R.R. tracks, at West Newton St. $45,000. J. E. Carty, City Hall, engr.

Ga., Atlanta — Voted $1,000,000 bonds, viaducts. W. Sims, mayor. Noted Feb. 25.

Tenn., Bolivar—State Dept. Highways & Pub. Wks., Nashville, making surveys bridge over Hatchie River, on State Road 15, Hardemen Co., near here. C. N. Bass, highway comr.

Tenn., Smithville — De Kalb Co. plans bridge over Caney Fork River at Loves Ferry, here. $105,000 available.

Tenn., Sparta—State Dept. Highways & Pub. Wks., Nashville making preliminary plans 1 span 68 ft. steel truss bridge on concrete piers, De Kalb Co., here. $40,000. C. N. Bass, comr.

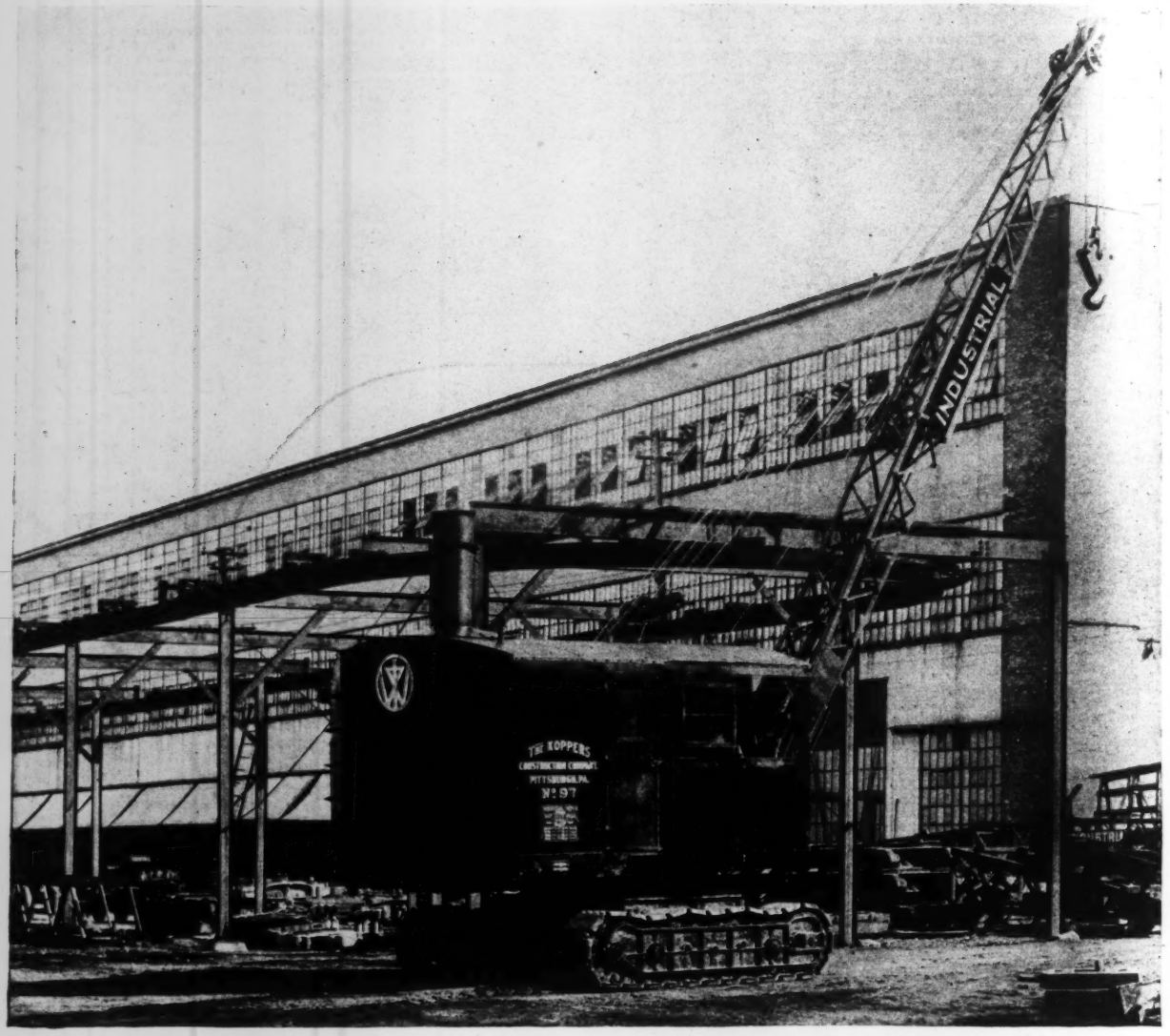
O., Akron—Bd. Comrs. Summit Co. takes bids in spring 40 ft. span rein.-con. and steel bridge, 30 ft. roadway New Portage Uniontown Rd., $18,000; two 28½ ft. span flat slab rein.-con. bridge, Brittan Rd., $15,300; and 143½ ft. span rein.-con. and steel truss bridge, 30 ft. roadway, on Cuyahoga St. $62,000. H. G. Sours, Courthouse, engr.

Tex., Carthage—See "Streets and Roads."

Tex., Cuero—See "Streets and Roads."

Tex., Tulia—See "Streets and Roads."

Calif., Los Angeles—Plans election $1,900,000 bonds, constructing new and replacing old bridges in various sections of city.



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INDUSTRIAL WORKS · · BAY CITY · MICHIGAN

Bridges (Continued)

Bids Desired

Maine—May 4 (extended date), by State Hy. Dept., Augusta, bridge over Kennebec River in Bath and Woolworth. $3,000,000. J. H. L. Waddell, 150 Bway., New York City, engr. Noted Apr. 1.

Mass., Amherst—Apr. 20, by Dept. Pub. Wks., Boston, 2 concrete bridges and bituminous macadam approaches, each approximately 750 ft. long, here. $25,000 or more. W. F. Williams, comr.

W. Va., Morgantown—May 3, by Morgantown Co. Court, W. L. Parks, pres., 80 ft. Pony truss steel bridge, etc., over White Day Creek at Smithtown, Clinton Dist. A. J. Baritell, co. road engr.; adv. E. N.-R. Apr. 8.

Louisiana—Apr. 29, by State Hy. Dept., Baton Rouge, Leathermans Creek Bridge, 80 ft. low riveted, concrete and steel, on Arcadia-Homer Highway, Federal Aid Project 85-D, 1 mi. south Athens, Claiborne Parish; also reconstructing and repairing Calcasieu River Bridge, on Lake Charles-West Lake Highway, State Aid Project 461, at Lake Charles, Calcasieu Parish. W. B. Robert, Reymond Bldg., Baton Rouge, highway engr.

Ohio—Apr. 16, by Dept. Hys. and Pub. Wks., Columbus, steel and concrete bridges in Vinton, Lawrence, Perry, Pike, Morgan, Clermont and Athens Co. $91,093. G. Schlesinger, highway engr.

Ind., Anderson—May 15, by Comrs. Madison Co., 700 ft. steel and concrete bridge over White River, on Anderson-Rerkinsenville Pike. $95,000. W. H. Steel, Court House, engr.

Ill., Chicago—Apr. 15, by H. E. Wallace, clk. Sanitary Dist. of Chicago, 910 South Michigan Ave., approaches for bascule bridge over main drainage channel Sanitary Dist. of Chicago, on line South Cicero Ave. $150,000. M. Eller, chn.

Ia., Cedar Rapids — Apr. 15, at office Auditor Linn Co., 160 x 20 ft. high truss bridge, rebuilding 24 ft. I-beam bridge and 23 box culverts on Federal Aid Project 255; 50 x 20 ft. pony truss bridge and 12 box culverts on Federal Aid Project 230; 24 culverts on Federal Aid Project 341; one 40 ft. I-beam and one 150 x 20 ft. high truss bridge also 16 culverts on Federal Aid Project 264; 40 x 20 ft. I-beam bridge and 22 box culverts on Federal Aid Project 229. R. Gearhart, Cedar Rapids, co. engr.

Ia., Marengo—Apr. 13, at office Auditor Marengo Co., one 96 x 20 ft. pony truss and one 110 x 20 ft. high truss bridges, also two 40 x 20 ft. I-beam approaches. F. A. Peterson, Marengo, co. engr.

Ia., Marshalltown — Apr. 12, at office Auditor Marshall Co., one I-beam bridge, 43 circular and 12 box culverts, also extending 6 culverts. D. C. Elder, Marshalltown, co. engr.

Ia., Nevada — Apr. 15, at office Auditor Story Co., one I-beam bridge and 18 box culverts. Address S. Steigerwalt.

Minn., Minneapolis—May 19, at office F. S. Gram, city purch. agt., City Hall, Cedar Ave. bridge over Mississippi River, at 10th Ave. S. E. and University Ave. to 15th Ave. S. and 2nd St.; adv. E. N.-R. Apr. 8.

Kan., Ft. Scott—See "Streets and Roads."

Kan., Olathe—Apr. 30, by Clerk Johnson Co., three 18 ft. slab span bridge, four 26½ ft. span girder bridge and one 53½ ft. span concrete girder bridge on Federal Aid Project 312-A. E. J. Terrill, Court House, co. engr.

Kan., Seneca—Apr. 19, by Clerk Nemaha Co., one 100 ft. and one 60 ft. steel truss, also two 30 ft. and two 20 ft. I-beam spans on Federal Aid Project 225-C. L. T. Price, Court House, co. engr.

Tex., Abilene—See "Streets and Roads."

Tex., Boston—See "Streets and Roads."

Tex., Brownsville — See "Streets and Roads."

Tex., Sweetwater — See "Streets and Roads."

California—Apr. 26, by State Hy. Comn., Sacramento, rein.-con. bridge to have 180 ft. open spandrel arch and four 32 ft. girder approach spans over Smith River near Adams Station, Del Norte Co. R. M. Morton, Forum Bldg., Sacramento, highway engr.

Que., Val Moriu—May 1, by A. Lapierre, Val Moriu, concrete bridge over North River. $35,000. I. E. Vallee, 67 St. Cyrille St., Quebec, engr.

Bids Received

Louisiana — State Hy. Comn., Baton Rouge, Mar. 23, Sabine River Bridge, incl. 75 ft. pony truss span and 300 ft. steel swing span, etc., Federal Aid Project 336-B, at Orange, Tex., from Womack Constr. Co. and Brown-Abbott Co., Wilson Bldg., Dallas, Tex., $246,642. Noted Mar. 11.

Michigan — State Hy. Dept., at office Comrs. Kent Co., Grand Rapids, State Bridge 410803, Contr. 1, 150 ft. long, 22 ft. wide, from Price Bros., Tussing Bldg., Lansing, $39,909.

Texas—See "Louisiana."

California—State Hy. Comn., Sacramento, Mar. 29, thirty-six 39 ft. span rein.-con. girder bridge over Santa Maria River, north of Santa Maria, San Luis Obispo Co., from Rocca & Coletti, San Rafael, $107,440. Engrs. est. $124,750. Noted Mar. 18.

Calif., Los Angeles—For 29,468 ft. 6- to 10-in. cement sewer, etc. in 3rd Ave., and 38,777 ft. 6- to 24-in. vitr. clay sewer, etc. in Hyde Park Blvd., from M. Miller, 208 West 2nd St., $27,873 and $58,874 respectively; 25,990 ft. 6- to 18-in. concrete and vitr. clay sewer in Centenella Ave., from G. M. Wucetich, 1057 North Chicago St., $32,918; and 51,737 ft. 6- to 12-in. vitr. clay sewer, etc. in Sawtelle Blvd., from N. Chutuk & M. Vukojevich, 1230 Bon Bon St., $59,286.

Calif., San Diego — See "Streets and Roads."

Contracts Awarded

Mass., Boston — City, Dept. Pub. Wks., J. H. Sullivan comr., widening Arlington Sq. bridge, concrete and steel, Tremont St., to J. F. Kennedy Constr. Co., 755 Boylston St., $41,497.

N. Y., Poughkeepsie—F. S. Greene, supt. Pub. Wks., 55 Lancaster St., Albany, 2 main piers Mid-Hudson River Bridge, across Hudson River, Dutchess Co., here, Contr. 3, to Philipsburgh Constr. Co., 15 North Bway., Yonkers, $1,841,545. Noted Mar. 4.

N. J., Camden—State Hy. Dept., Trenton, double leaf deck girder simple trunnion bascule bridge over Cooper River, on Entrance Rd. to Delaware River Bridge, here, to Kolyn Constr. Co. & M. Staub, Commonwealth Bldg., Trenton, $469,990. Noted Mar. 11.

Tex., Linden—See "Streets and Roads."

Dams

Proposed Work

Tex., Del Rio—Texas Central Power Co., c/o Frost Bldg., San Antonio, making surveys large power dam on Devils River, near here, to supply hydro-electric energy to Del Rio and surrounding farms and ranches. $250,000. Private plans.

Railways

Proposed Work

North Carolina—New Holland, Higginsport & Mt. Vernon Ry., New Holland, plans reconstructing and completing 36 mi. railway from Wenona to New Holland, on Mattamuskeet Lake, in Hyde Co.

North Carolina—Southern Ry., B. Herman, ch. engr., 1300 Penn. Ave., Wash., D. C., plans double tracking from Salisbury to point 6 mi. west on Asheville Div., also enlarging Salisbury-Spencer yards, here.

Texas—See "Unclassified, under Callado, Tex."

California—City of San Francisco plans to appropriate $4,076,000 for railway extensions, equipment and shops in San Francisco. M. M. O'Shaughnessy, San Francisco, city engr.

Contracts Awarded

Oklahoma — Gulf, Colorado & Santa Fe R. R. Co., Galveston, Tex., F. Merritt, ch. engr., 32 mi. standard gauge railroad from Fairfax to Pawhuska, here, to Sharp & Fellows Constr. Co., Central Bldg., Los Angeles, Calif., c/o A. G. Gannon in charge work, approximately $140,000.

Excavation, Drainage, Irrigation, Levees, River and Harbor

Proposed Work

Mass., Boston—Commonwealth of Massachusetts, Metropolitan Planning Bd. plans filling in Charles River Basin and changing harbor lines. To exceed $25,000. H. I. Harriman, chn.

Tex., Brownsville—El Jardin Community, near here, Cameron Co., election soon $800,000 bonds, irrigation district and drainage system. C. P. Williams, Brownsville, engr.

Tex., Orange—Orange Co., c/o D. C. Bennett, judge, plans irrigation project, incl. dam, concrete ditches, etc. Election soon $800,000 bonds for same.

Bids Desired

N. Y., Albany—Apr. 23 (extended date), at office Albany Port Dist. Comn., 100 State St., dredging in Hudson River, here. F. C. Herrick, chn.; adv. E. N.-R. Apr. 8. Noted Mar. 18.

Ill., Urbana—Apr. 16, by Comrs. Hillsbury Slough D. D. at office Clerk Champaign Co., cleaning out and extending open ditch in Sub-Dist. 2, 29,300 cu.yd. excav., etc. Danley & Smeltzer, Flatiron Bldg., Urbana, engrs.

Mo., Cape Girardeau — Apr. 19, by Supervs. Little River D. D., concrete spillway in drainage canal spoil bank, approximately 160 cu.yd. concrete slope paving, 900 sq.yd. flexible concrete block mattresses, 2,000 lb. reinforcing, 8,000 ft. timber sheet piling and 2,500 cu.yd. excav. Morgan Eng. Co., 622 Goodwyn Institute, Memphis, Tenn., engrs.

Calif., Montague — Apr. 16, by R. E. Swigart, secy. Montague Irrigation Dist., reservoir and canal system, 700,000 cu.yd. hydraulic fill dam, 1,600 cu.yd. rein.-con. in reservoir outlet works and spillway, 320,000 cu.yd. main canal excav., 160,000 cu.yd. lateral excav. and various canal and lateral structures.

Calif., Thermalito — Apr. 19, by R. A. Leonard, secy. Thermalito Irrigation Dist., furnishing, trenching, backfilling 36,865 lin. ft. riveted slip joint pipe with fittings such as valves, tees, etc.

Bids Received

N. Y., Buffalo—Dredging inner harbor and maintenance of channel, from Central Dredging Co., 1154 Union Trust Bldg., Cleveland, O., at $0.394 per cu.yd.

N. Y., Long Island City—M. E. Connolly, pres. Queens Boro, Queens Subway Bldg., Apr. 2, rip-rap embankment, outside and adjacent to timber bulkhead along Beach Channell Dr. from Beach 130th to 141st Sts., from Vouker Contg. Co., 17 State St., New York City, $48,950. Noted Apr. 1.

La., New Orleans — Bd. Levee Comrs., Orleans Levee Dist. Court House, Apr. 1, driving round piles and placing sheet pile bulkhead in southern shore, Lake Pontchartrain from West End to Seabrook, from Scott & Bres, Canal-Commercial Bldg., $135,806.

Contracts Awarded

Md., Baltimore—Bd. Awards, dredging Baltimore Harbor for 1926, to Arundel Corp., Pier 4, Pratt St., $111,650. Noted Apr. 1.

Streets and Roads

Proposed Work

Mass., Boston—Plans widening Boylston St. from Arlington to Dartmouth Sts. To exceed $25,000. J. H. Sullivan, comr.

Mass., Bridgewater—Voted $32,000 appropriation improving various streets and extending waterworks. Bd. Selectmen, engrs.

Mass., Concord—Plans improving various streets. $41,500 appropriated. Bd. Selectmen, engr.

Mass., Roxbury (Boston P. O.) — Bd. Street Comrs., Boston, plans laying out and constructing Alley 1006 as public street from Huntington Ave. to South Huntington Ave. $25,000 or more. J. Sullivan, secy.

Conn., Stratford—Plans grading and oiling various streets. $45,000. Dept. Pub. Wks., Town Hall, engr.

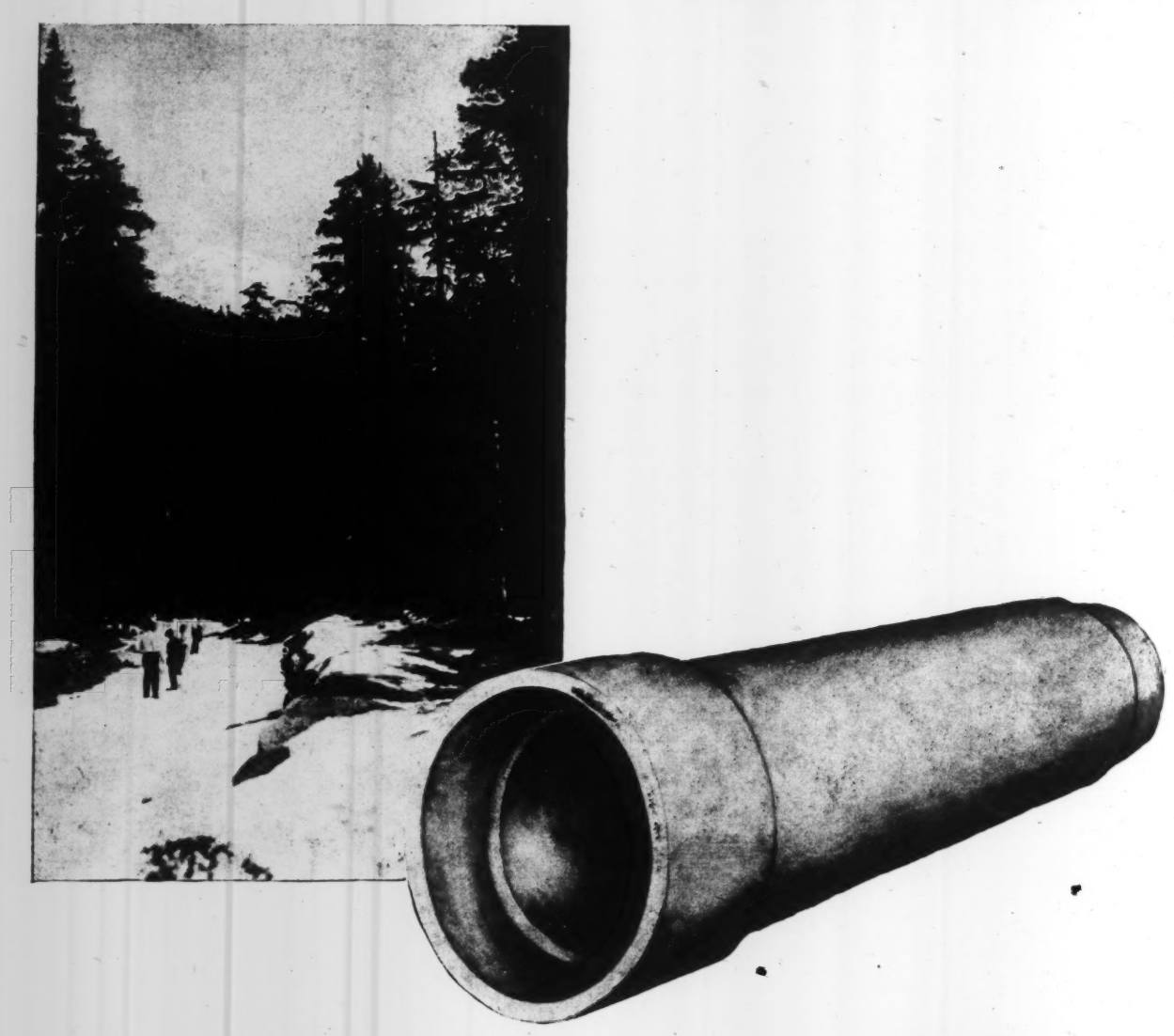
N. J., Seaside Heights—Mayor and Boro Council plans grading and graveling Ocean Terrace, $20,000; and regraveling Franklin Ave., $15,000. H. M. Herbert, Seaside Heights, engr.

Pa., Phila.—Dept. Pub. Wks., Bureau of Highways, rejected bids Mar. 18, grading, 65th Ave., Bingham, Comly, Lawndale, Levick, Vankirk, Edna, Fern, Franklin, Front, Gale, Lawrence, Spencer, 2nd, 4th, 9th, 11th and 12th Sts.; and asphalt repaving Haverford St. Noted Mar. 25.

Pa., Phila.—Dept. Pub. Wks., Bureau of Highways, rejected bids Mar. 25, grading Glen Echo Rd., Filmont, Ritner, 12th and Tyson Sts. G. H. Biles, dir.

Pa., Swissvale—Election May 18, $200,000 bonds, improving various streets. J. D. Hall, boro engr.

W. Va., Beckley—Marsh Fork Dist., Raleigh Co., voted $168,000 bonds, improving various roads. W. J. Campbell, Beckley, co. engr. Noted Mar. 25.



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Streets and Roads (Continued)

W. Va., Williamson—Election Apr. 24, $95,000 bonds, improving various streets. W. F. Hatfield, mayor.

N. C., Shelby—Plans to issue $125,000 bonds additional street paving.

Ga., Thomasville — Making preliminary plans improving various streets. $25,000 bond election soon for same. Robert & Co., Bona Allen Bldg., Atlanta, engrs.

Fla., Orlando — Orange Co. voted $7,000,000 bonds, paving 340 mi. various roads.

Louisiana — State Hy. Comn., Baton Rouge, plans expending $16,000,000 during 1926, of which $10,000,000 will be spent by Highway Comn., and $6,000,000 to be supplemented by amounts expended by local subdivisions. Work includes hardsurfacing 10 mi. Jefferson Highway, south of Alexandria and 7 mi. Jefferson-Dixie Overland Highway, etc. also gravel surfacing 500 mi. various roads, etc.

La., Pointe a la Hache — Police Jury Plaquemine Parish, election May 15, in new created Road Dist. 4, levying 10 mill tax for period of 15 years, hardsurfacing 6 mi. road from courthouse to Bomimer Plantation.

Ky., Hopkinsville — Making preliminary plans grading and sheet asphalt paving 16,000 sq.yd. various streets. $32,000. C. Vaughn, city engr.

Ohio—Dept. Highways & Pub. Wks., cancelled bids to have been opened Mar. 19, hauling and spreading limestone, etc., on 1.942 mi. Sect. "H-1" McConnelsville-New Lexington Rd., Morgan Co.; and 3.5 mi. Sects. "K" and "S" same road. Noted Mar. 11.

O., Akron—W. F. Peters, dir. Pub. Serv., takes bids in spring, grading, curbing, vitr. brick paving 5,900 sq.yd. Peerless Ave. $50,500. E. A. Kemmler, Municipal Bldg., engr.

O., Akron—Bd. Comrs. Summit Co. takes bids in spring grading, curbing, and paving, etc., with **(a)** vitr. brick or **(b)** concrete, 34,000 sq.yd. Kenmore-Mogadore Rd. 44-E, **(a)** $178,000 **(b)** $133,000; 35,400 sq. yd. Boston-Mills-Hudson Rd. 32-C, **(a)** $200,000 **(b)** $153,000; and 36,800 sq.yd. South Main St. 50-D, **(a)** $212,000 **(b)** $154,000. H. D. Sours, Court House, engr.

O., Akron—W. F. Peters, dir. Pub. Serv. takes bids in spring grading, curbing, paving, etc. 6,925 sq.yd. Packard Dr. $56,700. E. A. Kemmler, Municipal Bldg., engr.

O., Canton—Bd. Control soon takes bids widening, sidelighting and asphalt repaving Cleveland Ave. S. W. from Tuscarawas to 6th Sts., 60 ft. $50,000. W. E. Sarver, City Hall, engr.

O., Columbus—Franklin Co. soon takes bids grading and waterbound macadam paving 1.085 mi. Coffman Rd. $15,929, 1.15 mi. Clotts Rd. $29,054, 0.53 mi. Haper Rd. $17,464, 0.566 mi. 1st Ave. Rd. $13,424, 0.125 mi. Deshler Rd. $3,841, and 0.51 m.i Central Ave. $12,306. C. C. Lattimer, co. surv.

O., St. Clairsville—Bd. Comrs. Belmont Co. soon takes bids traffic bound macadam paving St. Clairsville-Warnock and other roads. $60,000. E. M. Shirk, St. Clairsville, engr.

O., Youngstown—Bd. Control soon takes bids widening and asphalt repaving ¾ mi. Indianola Ave., 32 ft. $50,000.

Ind., Evansville — Bd. Pub. Wks. soon takes bids asphalt, brick, concrete or asphaltic concrete on concrete paving Gum St., Benninghof, Runnymeade, Henning, and Baker Aves. To exceed $25,000. R. J. Hitch, city clk.

Mich., Detroit — Making plans 3½ in. sheet asphalt on 8 in. concrete surfacing 4,670 sq.yd. Elmira Ave. $23,320, 2,440 sq. yd. Beechdale Ave. $12,190, 1,930 sq.yd. Springle Ave. $9,680, 3,310 sq.yd. Doyle Ave. $11,560, 6,160 sq.yd. Traverse Ave. $30,800, 2,510 sq.yd. Rosemary Ave. $12,560, 1,345 sq.yd. Duane Ave. $6,720, 7,320 sq.yd. Cadet Ave. $36,550, 1,730 sq.yd. Cloverdale Ave. $8,640, all foregoing 30 ft. wide; 9,600 sq.yd. Nottingham Ave., 30 to 36 ft., $48,010; 3,310 sq.yd. Caniff St. $16,650, 5,170 sq.yd. Puritan Ave. $25,800, 9,610 sq.yd. Jerome Ave. $48,030, all 36 ft. wide; 2,050 sq.yd. Lyman Pl. $10,250, 9,540 sq.yd. Fenelon Ave. $47,710, 3,600 sq.yd. Turner Ave. $17,910, 5,200 sq.yd. Greenlawn Ave. $26,000, 1,075 sq.yd. Christiancy Ave. $5,390, 2,660 sq.yd. Burt Ave. $13,320, 2,760 sq.yd. Tarnow Ave. $3,590, 4,540 sq.yd. Appoline Ave. $22,700, 4,710 sq.yd. DeSota Ave. $23,540, 3,670 sq.yd. Sorrento Ave. $18,350, 1,800 sq.yd. Shields Ave. $8,090, 4,900 sq.yd. Kentucky Ave. $24,250, all foregoing 28 ft. wide; 12,150 sq.yd. Meyers Ave., 46 ft., $60,720; 6,400 sq.yd. Harper Ave., 50 ft., $31,960. P. A. Fellows, city engr.

Mich., River Rouge—Plans election $60,000 bonds, widening and vibrolithic or concrete paving West Jefferson Ave. M. L. Brown & Son, 407 Capitol Bldg., Detroit, engrs.

Ill., Ashland—City Clerk takes bids about Apr. 15, grading, curbing and concrete paving 12½ blocks various streets, 27 and 40 ft. Goodell & Millard, Beardstown, engrs.

Ill., Dwight — Plans curbing, widening, concrete paving, etc., 6,000 sq.yd. East Main St. $25,000. Consoer, Older & Quinlan, 140 South Dearborn St., Chicago, engrs.

Ill., Knoxville — Plans grading, curbing and vitr. brick on concrete paving 6 blocks various streets, 36 ft. $25,000. F. M. Connolly, city engr.

Ill., Melrose Park — Takes bids about Aug. 1, concrete paving 6.5 mi. various streets. $400,000. W. Thomas, City Hall, Oak Park, engr.

Ill., Mount Carmel — Wabash Co. soon takes bids gravel surfacing 12 mi. Road Dist. 3. $32,000 bonds voted. D. A. McClung, Court House, supt. Noted Mar. 4.

Ill., Oak Park—Bd. Local Impvts. takes bids about July 1, asphalt paving 24,500 sq.yd. Woodbine Ave., $184,000; 10,000 sq.yd. Lake St., $117,000; and 16,000 sq.yd. North Ave., $140,000. W. Thomas, City Hall, engr. Noted Feb. 18.

Ill., River Forest (mail Oak Park) — Takes bids about Aug. 1, asphalt paving 1.5 mi. Division St. $150,000. W. Thomas, City Hall, Oak Park, engr.

Ill., Sterling — Soon takes bids grading, curbing and concrete asphalt or brick paving 50,000 sq.yd. 19th Ave., East and West 5th Sts. A. G. Hubbard, City Hall, engr.

Ia., Oskaloosa — Mahaska Co. election Apr. 14. $1,000,000 bonds, improving primary road system. R. H. Tumy, Oskaloosa, co. engr.

Ia., Sigourney—Keokuk Co. takes bids in spring or summer grading, bridging, etc., 6 mi. Primary Rd. 2 $60,000, and 4.5 mi. Primary Rd. 85 $65,000; also gravel surfacing Primary Rd. 2, west of here to Mahaska Co. line, $40,000. R. C. Fye, Court House, engr. Noted Apr. 1.

Kan., Perry—Making plans paving various streets. To exceed $25,000. Shockley Eng. Co., 800 Graphic Arts Bldg., Kansas City, Mo., engrs.

North Dakota—State Hy. Dept. and Bd. Comrs. Oliver Co., Center, rejected bids Mar. 23, grading, etc., 50,425 cu.yd. Federal Aid Project 314-A. C. Christensen, highway comr. Noted Mar. 18.

Missouri—State Hy. Dept., Jefferson City, plans grading 113.905 mi. roads in Bates, Boone, Linn, Pettis, Pike, Ralls, Randolph, Saline, Vernon and St. Charles Counties; 30 ft. grading 13 mi. roads in Cass Co.; 18 ft. gravel surfacing 5 mi. road in Oregon Co.; 9 ft. brick paving 13.2 mi. road Boone Co.; 18 ft. brick paving 7.7 mi. Randolph Co.; 9 ft. concrete paving 30.7 mi. roads in Boone and Saline Counties; and 18 ft. concrete paving 73.2 mi. roads in Bates, Linn, Pettis, Pike, Ralls, Randolph, St. Charles and Vernon Counties. B. H. Piepmeier, ch. engr.

Mo., Platte City—Voted $26,000 bonds, sheet asphalt paving, etc., approximately 23,000 sq.yd. various streets. W. B. Rollins & Co., 521 Ry. Exch. Bldg., Kansas City, engrs. Noted Mar. 4.

Mo., St. Louis—Bd. Pub. Serv., 208 City Hall, soon takes bids asphalt paving 27,325 sq.yd. Hawthorne and Longfellow Places, $115,200; asphaltic concrete paving 1,330 sq.yd. Dunnica St. $10,750, and 1,005 sq.yd. Duke St. $8,380; also concrete paving 2,425 sq.yd. alleys in City Blocks 4842 and 2690, $6,650. W. W. Horner, 300 City Hall, engr.

Ark., Batesville—Plans sheet asphalt surfacing 6 blocks Broad and Bates Sts., Dist. 5, 24 ft. $32,000. F. F. C. Woodward, mayor. Engineer not selected.

Ark., Fayetteville—Soon takes bids grading, curbing and concrete or asphalt paving 2,576 ft. Paving Dist. 31. $27,000. E. M. Ratliffe, Stone Bldg., engr.

Tex., Carthage—Panola Co. making plans grading and bridging 4.11 mi. Highway 43. $28,000. D. E. Martin, Carthage, co. engr.

Tex., Cuero—De Witt Co. making plans grading, bridging and hardsurfacing 11 mi. Yorktown-Westhoff Rd., 18 ft., $309,000; also gravel surfacing 6 mi. Highway 29, 16 ft., $30,000. W. H. Koether, Yorktown, engr.

Tex., Cuero—DeWitt Co. making plans grading, bridging and gravel surfacing 24 mi. Highway in Road Dists. 7 and 8. $750,000. A. H. Gulledge, Yorktown, engr.

Tex., Dallas — Dallas Co., making plans grading, constructing timber pile trestle overpass and bituminous macadam surfacing approaches on 0.159 mi. Highway 10-A, between Cedar Hill and Ellis Co. line, 18 ft. $25,300. R. H. Clinger, co. engr.

Tex., Galveston—Takes bids after Apr. 10, improving Bway., 75,000 sq.yd. rein.-con. or asphalt paving, 20,000 lin.ft. concrete curbing or curbing and guttering 20,000 lin.ft. plain concrete curbing, 3,000 lin.ft. concrete headers, etc. $250,000. C. A. Holt, Jr., Galveston, engr.

Tex., Hillsboro—Plans permanent paving 8 blocks West Elm St. $30,000. T. A. Bullock, Hillsboro, engr.

Tex., Jourdanton — Voted $40,000 bonds permanent paving 18 blocks various streets. J. B. Leggett, mayor. Noted Mar. 18.

Tex., Menard—Menard Co. election soon $150,000 bonds, hardsurfacing 11 mi. highway radiating from here. Probably state and federal aid. Address J. W. Mathews, judge.

Tex., Muleshoe—Bailey Co. election soon $90,000 bonds, grading, graveling, etc., 5 mi. Highway 7. Address W. G. Kennedy, Muleshoe, co. judge.

Tex., Port Arthur — Making preliminary plans concrete paving, etc. 8 mi. various streets, 16 ft. $500,000. Election June 1, $150,000 bonds, for same. W. O. Bower, Port Arthur, city engr.

Tex., Raymondville—Willacy Co. plans hard paving 18 mi. roads extending south from here to Cameron Co. line and on highway extending north and lateral roads. $600,000. $300,000 to be supplemented by State and Federal Aid. J. E. Hohnson, Raymondville, engr. Noted Jan. 7.

Tex., Slaton — Voted $100,000 bonds, paving 18 blocks various streets. Montgomery & Ward, 545 Harvey Snider Bldg., Wichita Falls, engrs.

Tex., Tulia—Swisher Co. making plans grading and bridging 30 mi. Highway 9. $150,000. L. O. Cox, Tulia, div. engr.

Tex., Tyler—Voted $50,000 bonds, paving various streets. Address A. B. Curtis, city secy.

Tex., Vernon — H. Mason, mayor, soon takes bids paving 4 blocks Fannin, 1 block Dawson and 1 block Wanderer Sts. $30,000. J. B. Nabors, Vernon, engr.

Oklahoma—State Hy. Dept., Oklahoma City, making surveys grading, etc., 11 mi. State Highway 9, west of Checotah, 30 ft., McIntosh Co., $60,000; and 18 mi. State Highway 9 east from Denver to county line, 30 ft., Okmulgee Co., $40,000. J. W. Page, highway engr.

Okla., Frederick — Made plans paving various streets in Paving Dist. 11. To exceed $25,000. Benham Eng. Co., 512 Gumbel Bldg., Kansas City, Mo., engrs.

Okla., Hobart — Voted $36,600 bonds, grading and concrete paving 11,750 sq.yd. North Washington and North Hill Sts., 30 ft. V. V. Long & Co., 1300 Colcord Bldg., Oklahoma City, engrs.

Okla., Mangum — Making preliminary plans paving various streets. To exceed $25,000. Benham Eng. Co., 512 Gumbel Bldg., Kansas City, Mo., engrs.

Okla., Muldrow — Making preliminary plans grading, curbing and concrete paving 9,400 sq.yd. Main St. $30,000. A. Phillips, city clk. Engineer not selected.

Okla., Newkirk — Making preliminary plans concrete paving various streets. To exceed $25,000. H. E. Munson & Co., 401 Grain Exch. Bldg., Oklahoma City, engrs.

Okla., Oklahoma City — Plans grading, curbing and sheet asphalt paving 5,130 sq.yd. West 21st St. $27,610. B. M. Hart, City Hall, engr.

Calif., Los Angeles — Los Angeles Co. plans mountain road from Glendora through Sierra Madre mountains to San Gabriel dam site. To exceed $125,000.

Calif., Maywood — Made plans concrete paving and street lighting system on Atlantic Ave. between south city boundary and 52nd St. To exceed $100,000. V. Wood, Amer. Bank Bldg., Los Angeles, engr.

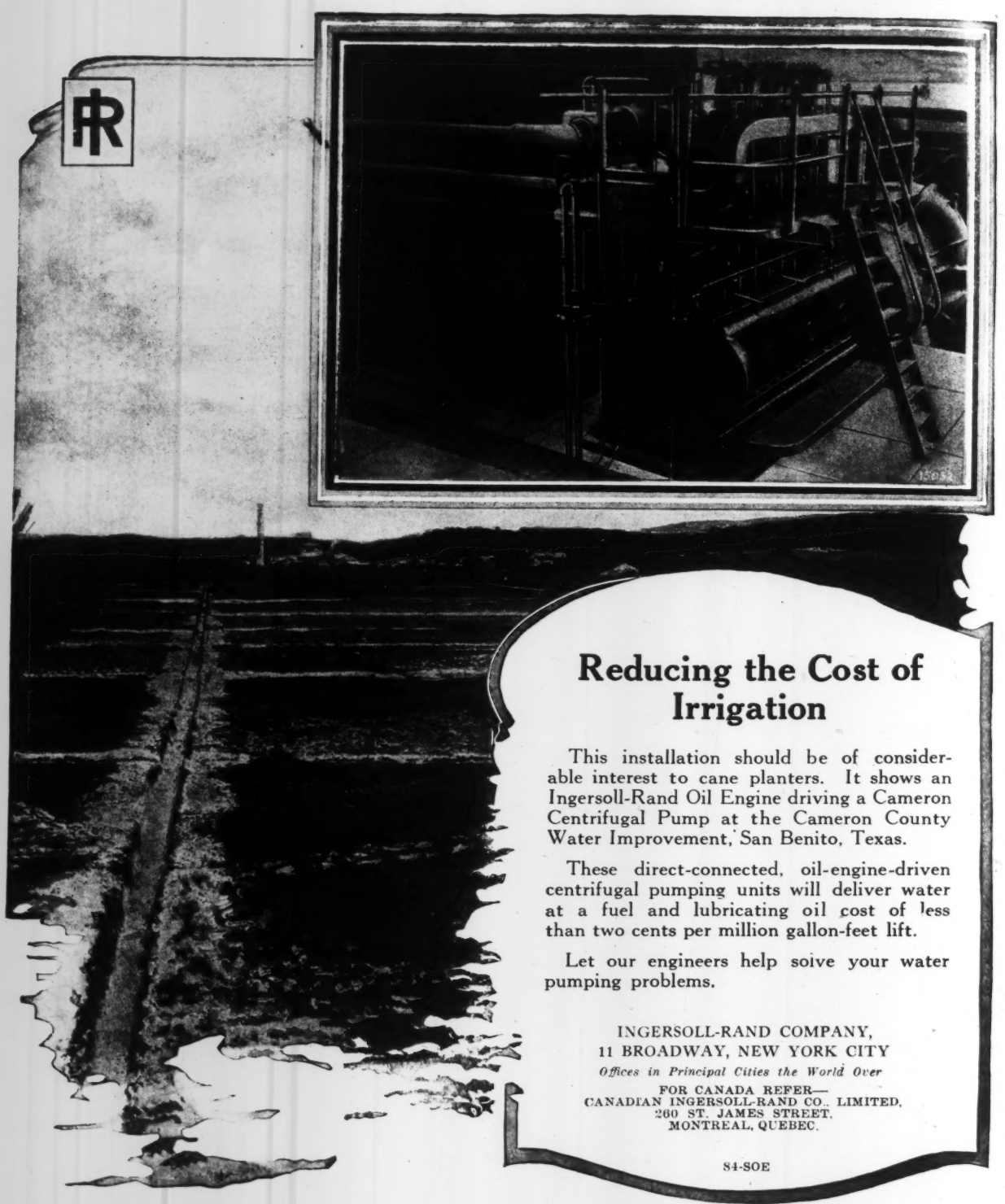
Calif., Oakland—Made plans improving Harrison St. between 13th and 20th Sts., 18,454 sq.ft. grading, 3,412 lin.ft. concrete curbing, 4,547 sq.ft. concrete guttering, 27,194 sq.ft. Warrenite surfacing, 13,907 sq.ft. 6 in. concrete base, etc. W. W. Harmon, city engr.

Calif., San Diego—Making plans grading, curbing, sidewalks, etc., on Crown Point, a subdivision on Mission Bay. $250,000. Watson, Valle & Gouch, 502 Spreckels Bldg., engrs.

Calif., San Diego — Bd. Supervs. San Diego Co. making plans 5 in concrete paving Euclid Ave. from University to Imperial Aves. $150,000. Watson, Valle & Gouch, 508 Spreckels Bldg., engrs.

Calif., San Diego—Love & Touhey, Commonwealth Bldg., made plans improving Islenair Subdivision, San Diego Co., 3,629 lin.ft. cement curbing, 30,521 sq.ft. cement sidewalk, 9,951 cu.yd. earth excav., 12,513 6 in. sewer, 11,911 6 in. water pipe, and 2,317 4 in. water pipe, etc. $35,000. Watson, Valle & Gouch, 508 Spreckels Bldg., engrs.

Calif., San Diego—Common Council plans improving Rosecrans and Talbot Sts., etc., 123,828 sq.ft. 5 in. concrete paving, 8,681 cu.yd. excav., 6,844 lin.ft. concrete curbing, etc.; also University Ave. from Euclid Ave. to eastern city limits, 359,988 sq.ft. 5 in.



Reducing the Cost of Irrigation

This installation should be of considerable interest to cane planters. It shows an Ingersoll-Rand Oil Engine driving a Cameron Centrifugal Pump at the Cameron County Water Improvement, San Benito, Texas.

These direct-connected, oil-engine-driven centrifugal pumping units will deliver water at a fuel and lubricating oil cost of less than two cents per million gallon-feet lift.

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Ingersoll-Rand

Streets and Roads (Continued)

concrete paving 39,085 cu.yd. excav., 16,261 lin.ft. concrete curbing, etc. F. A. Rhodes, City Hall, engr.

Calif., San Francisco — Plans to appropriate $6,000,000, widening Capp St.; also $100,000 street improvements fronting city property. M. M. O'Shaughnessy, city engr.

Ont., Hamilton — Wentworth Co. plans grading, graveling and macadamizing various roads. $125,000. H. A. Lumsden, County Bldg., engr.

Ont., Kingston — Frontenac Co., plans graveling earth and macadamizing roads. $76,500. R. H. Fair, 183 William St., engr.

Ont., Niagara Falls—Plans curbing, guttering and asphalt on concrete paving 6,000 sq.yd. Falls Ave. $25,000. T. S. Scott, City Hall, engr.

Ont., Toronto—East York Twp., plans 16 ft. concrete or asphalt on concrete paving, Stanhope Ave. $3,900, Rivercourt Ave. $4,800, Monarch Park Ave. $2,450, Mortimer Ave. $10,800, Cosburn Ave. $15,790, Westlake Ave. $7,300, Gledhill Ave. $10,100, and Coxwell Ave. 4,800. G. R. Jack, 443 Sammon Ave., engr.

Ont., Toronto — Plans concrete paving Plum Pl., $18,866; asphalt on concrete paving Willow Ave. $4,151, and Harper Ave. $7,988. R. C. Harris, City Hall, engr.

Bids Desired

Massachusetts — Apr. 20, by Dept. Pub. Wks., Boston, bituminous macadam paving, etc. 21,566 ft. highway, in Monson; 24,123 ft. highway, Bernardston and 10,700 ft. highway, Northfield, all 18 ft. W. F. Williams, comr.

Mass., Brookline (br. Boston)—Apr. 12, by Selectmen, A. G. Killion, secy., Town Hall, repairing and constructing concrete sidewalks, driveways, gutters, etc., on various streets. $25,000 or more.

N. Y., Brooklyn—Apr. 14, by J. A. Guider, pres. Brooklyn Boro, Boro Hall, permanent granite on 6 in. concrete paving 82nd St.; grading, curbing and flagging Avenue H, Ashford, East 9th, East 12th, East 27th, East 35th, East 37th, West 5th, West 7th, West 9th, 54th, 56th, 64th and 71st Sts., Bedford, Remsen, Ryder and 12th Aves.; grading and permanent asphalt on 6 in. concrete paving Bedford, Brooklyn, Riverdale, Ryder, Schenck, 10th and 11th Aves., East 8th, East 27th, East 29th, East 35th, Powell, West 7th, 54th, 56th, and 80th Sts.

N. Y., New York — Apr. 15, by H. Bruckner, pres. Bronx Boro, Crotona Park, Tremont and 3rd Aves., curbing and sheet asphalt on concrete repaving Prospect Ave. and Claremont Parkway.

N. Y., St. George—Apr. 9, by J. A. Lynch, pres. Richmond Boro, Boro Hall, concrete repaving Hylan Blvd. from line driving 4th and 5th Wards to Nelson Ave., etc.

N. Y., St. George — Apr. 13, by J. A. Lynch, Pres. Richmond Boro, Boro Hall, bituminous concrete paving Tompkins St.; also concrete paving approximately 1,200 sq.yd. in yard of garbage destructor, at West New Brighton.

N. J., Bridgeton—Apr. 9, by E. C. Ott, chn. Road Com., Cumberland Co., Courthouse, 360,000 gal. slow curing road oil on roads. W. M. Sharp, Court House, co. engr.

N. J., Bridgeton—Apr. 13, by E. C. Ott, chn. Road Com. Cumberland Co., sheet asphalt, rein.-con. bituminous concrete or vibrolithic concrete paving Sect. 4-A, Bridgeton-Port Norris Rd., Lawrence and Downe Twps. W. M. Sharp, Bridgeton, co. engr.; adv. E. N.-R. Apr. 8.

N. J., Newton — Apr. 27, by Bd. Freeholders Sussex Co., grading, etc. Sect. 1, Lafayette Sparta Rd., Sparta Twp. H. Snook, Newton, co. engr.; adv. E. N.-R. Apr. 8.

Pa., Greensburg—Apr. 21, by W. A. Arter, controller Westmoreland Co., Court House, rein.-con. reconstructing approximately 19,700 ft. Greensburg-Mutual Rd., 16 ft., Hempfield and Unity Twps.

Pa., Johnstown—Apr. 13, by City Council, M. L. Masterson, supt. streets, improving approximately 2 mi. various streets, incl. bituminous paving and storm sewers in Pine, Washington, Poplar, and Rose Sts.; brick paving and sewers in Washington, Main, Derby, and Stackhouse Sts., Middle and Pennsylvania Aves.; concrete paving and sewers in Smith, Slick, 5th, Diana and Lucas Alleys; also sanitary sewer in Sherman St., $150,000. H. L. Wilson, city engr.

Maryland — Apr. 20, by State Roads Comn., Baltimore, concrete paving and concrete shoulders and resurfacing roads in Carroll, Harford, Wicomico, Montgomery, Anne Arundel, Prince George, and Worcester Counties. J. N. Mackall, chn.; adv. E. N.-R. Apr. 8.

Maryland—Apr. 13, by State Rds. Comn., 601 Garrett Bldg., Baltimore, concrete paving 2.05 mi. Contr. G-34 Garrett Co., 1 mi. Contr. Cl-56 Carroll Co., and 1.35 mi. Contr. Q-36, Queen Annes Co.; graveling 1.69 mi. Contr. C-23, Calvert Co.; concrete shoulders 2.4 mi. Contr. M-6-A Montgomery Co., and 5.2 mi. Contr. H-7-A, Howard Co.; concrete shoulders and resurfacing Contr. Wi-6-B, Wicomico Co. J. N. Mackall, chn.; adv. E. N.-R. Apr. 8.

Md., Baltimore—Apr. 14, by Bd. Awards, paving alleys listed in Alley Contr. 119; concrete paving 49,630 sq.yd. Contr. 327; sheet asphalt paving 26,000 sq.yd. Contr. 326, and 12,860 sq.yd. Contr. 328. S. Purcell, City Hall, highways engr.

Md., Baltimore—Apr. 14, by Bd. Awards, grading and paving with cement and concrete footways as listed in Footway Contr. 91. S. Purcell, City Hall, highways engr.

Md., Towson—Apr. 13, Comrs. Baltimore Co., sheet asphalt paving 2,000 ft. 5th and Snyder Aves., and 1,000 ft. Leeds Ave., Group 5; 2,000 ft. concrete shoulders 5th Ave. from Snyder Ave. east, 1,000 ft. Leeds Ave., and 1,000 ft. Edmondson Ave., Group 6. S. A. Green, Courthouse, road engr.

Virginia—Apr. 15, by State Hy. Comn., Charleston, 4.5 ft. widening 14.79 mi. Virginia Beach Blvd., Norfolk and Princess Anne Counties; grading 1.99 mi. roadway in Charlotte Co., and 3.89 mi. road in Richmond Co.; bituminous macadam surfacing 1.72 mi. roadway in Page Co. H. G. Shirley, chn.

W. Va., Dunbar — Apr. 19, by W. T. Moore, mayor, grading, paving, etc., various streets. O. L. Williams, clk.; adv. E. N.-R. Apr. 8.

W. Va., Huntington—Apr. 12, by Bd. City Comrs., grading, curbing and paving Indiana St. from Auburn Rd. to Riverside Dr.; Elmwood Ave. from 28th St. to St. Marys Hospital; Bear St. from Davis St. to Gills Driveway; Jackson Ave. from 17th to 18th Sts. W.; 6½ Alley from 17th St. to C. & O. Hospital; and alley between Artisan and 9th Aves. and from 18th to 19th Sts. A. B. Maupin, city engr.

Florida — Apr. 28, by State Rd. Dept., Tallahassee, clearing, grubbing, grading, etc. 14.2 mi. road in Seminole Co., 30 ft. L. B. Thrasher, Ocala, engr.

Louisiana—Apr. 27, by State Hy. Dept., Baton Rouge, graveling 5.21 mi. Lake Charles-Lake Arthur Highway, State Project 512-A, Jefferson Davis Parish; also constructing 5.1 mi. roadway embankment on Hammond-New Orleans Highway, State Project 156-C, St. John the Baptist and St. Charles Parishes. W. B. Robert, Reymond Bldg., highway engr.

Ohio—Apr. 16, by Dept. Highways & Pub. Wks., Columbus, G. F. Schlesinger, ch. engr. and Highway Director, grading, macadam, limestone, concrete bituminous macadam, paving, etc. 127.273 mi. various roads in approximately 24 counties. $2,000,000.

O., Marion — Apr. 15, by Bd. Control, asphalt paving Merkle Ave. from Uncapher St. to Whittier Ave., $27,951; also East Church St. from Reed to Kensington Sts., $65,422.

Ind., Anderson—May 15, by Comrs. Madison Co., curbing and concrete paving 1¾ mi. High Hill Rd., West 22nd St. from Brown to Raible Sts., 28 ft. $79,000. M. H. Steele, Court House, engr.

Ind., Indianapolis — Apr. 26, by Comrs. Marion Co., Courthouse, improving portion of Allisonville Pike, $32,586, and retaining wall for same, $15,664. H. Dunn, aud.

Mich., Adrian—Apr. 3, by Lenawee Co., 16 ft. bituminous macadam or waterbound macadam paving 4.379 mi. Assessment Dist. Rd. 59, Sect. 1; 2.042 mi. Dist. Rd. 58, Sect. 1; and 3.26 mi. Dist. Rd. 10, Sect. 2.

Mich., Bad Axe — Apr. 14, Huron Co., graveling 4.2 mi. A. D. Rd. 16 and 18, 3 mi. A. D. Rd. 14, and 4.5 mi. A. D. Rd. 26 B; also concrete paving 2 mi. roads in Villages of Knide and Owendale.

Mich., Grand Rapids—Apr. 13, by Kent Co., graveling 3.446 mi. road, Courtland Twp.

Mich., Mt. Clemens—Apr. 6, by Macomb Co., 20 ft. concrete paving 2.22 mi. Assessment Dist. Rd. 99, 6.549 mi. Dist. Rd. 89, and 2.39 mi. Dist. Rd. 86.

Wisconsin—Apr. 15, by State Hy. Comn., Div. Office 8, 1st Natl. Bank Bldg., Superior, **(F. A. P. means Federal Aid Project)**, grading, gravel surfacing, etc., 30,930 cu.yd. Spooner-Superior Rd., F. A. P. 377-C, Washburn Co.; 11,861 cu.yd. Cameron-Weyerhauser Rd., F. A. P. 372-A, Barron Co.; 13,956 cu.yd. same road, F. A. P. 372-B, Rusk Co.; 5,580 cu.yd. New Richmond-Turtle Lake Rd., F. A. P. 438-A, Polk Co.; and 3,263 cu.yd. Luck-Cumberland Rd., S. A. P. 8282, Polk Co. J. T. Donaghey, Madison, ch. engr.

Wisconsin—Apr. 16, by State Hy. Comn., Div. Office 5, La Crosse, improving 4.48 mi. New Lisbon-Sparta Rd., Federal Aid Project 325-A, Monroe Co., 20 acres clearing, 15.6 acres grubbing, 52,231 cu.yd. excav., 5,389 cu.yd. pea gravel and 10,447 cu.yd. 18 ft. shale surfacing, etc. J. T. Donaghey, Madison, ch. engr.

Wis., Burlington — Apr. 17, (extended date), by City and Racine Co., concrete paving 9,684 sq.yd. Burlington-Wilmot Ave. Rd., Racine Co. J. T. Donaghey, Madison, ch. engr. Noted Mar. 18.

Wis., Kaukauna—Apr. 16, by L. C. Wolf, city clk., rein.-con. or vibrolithic concrete paving 11,577 sq.yd. Taylor and Depot Sts. To exceed $25,000. F. M. Charlesworth, City Hall, engr.

Wis., Kenosha—Apr. 14, by J. Herzog, highway comr. Kenosha Co., grading, concrete paving, etc. 18,673 sq.yd. Kenosha-Paris Rd.

Wis., Madison—W. R. Winckler, city clk., taking bids asphalt paving, etc. 20,000 sq.yd. various streets. E. E. Parker, City Hall, engr.

Wis., West Allis — Apr. 12, by A. L. Wichner, supt. Pub. Wks., concrete, vibrolithic concrete, sheet asphalt or cold mix bituminous paving, etc. 72,700 sq.yd. 22 streets. W. Darby, City Hall, engr.

Ia., Cedar Rapids — Apr. 15, at office Auditor Linn Co. **(F. A. P. means Federal Aid Project)**, improving 5.87 mi. Marion Rd., F. A. P. 264-A, 81,270 cu.yd. excav., 42,000 sta.yd. overhaul, etc.; 7.74 mi. Fairfax Rd., F. A. P. 255-A, 87,834 cu.yd. excav., 68,700 sta.yd. overhaul, etc.; 4.303 mi. Coggon Rd., F. A. P. 230-D, 73,880 cu. yd. excav., 28,600 sta.yd. overhaul, etc.; 5.56 mi. Walker-Center Point Rd., F. A. P. 229-H, 58,799 cu.yd. excav., 50,000 sta.yd. overhaul, etc.; 2.68 mi. Walker Rd., F. A. P. 229-I, 41,833 cu.yd. excav., 8,800 sta.yd. overhaul, etc.; 5.803 mi. Coggon-Central City Rd., F. A. P. 443-A and B, 59,371 cu. yd. excav., 48,400 sta.yd. overhaul, etc.

Ia., Ft. Madison — Apr. 14, at office Auditor Lee Co., widening, resurfacing, etc. 1.4 mi. Keokuk-Montrose River Rd., 3,800 cu.yd. stone, 8,000 gal. asphaltic road oil or tar, 150 cu.yd. stone chips, etc. Address County Engineer, Ft. Madison.

Ia., Grundy Center — Apr. 14, at office Auditor Grundy Co., improving 4.882 mi. Butler-Black Hawk Co. line Rd., Federal Aid Project 266, 58,247 cu.yd. excav., 60,940 sta.yd. overhaul, etc.

Ia., Marshalltown — Apr. 12, at office Auditor Marshall Co., improving 19.098 mi. Projects S-91, S-92 and S-93, 140,356 cu.yd. excav., 67,000 sta.yd. overhaul, etc.; and 1.9 mi. road from Ferguson west, 21,019 cu.yd. excav., etc. D. C. Elder, Marshalltown, co. engr.

Ia., Newton — Apr. 13, at office Auditor Jasper Co., grading, etc. 161,380 cu.yd. Kellogg-Poweshiek Co. line Rd., Federal Aid Project F and G.

Minnesota—Apr. 20, by State Hy. Dept., St. Paul, **(F. A. P. means Federal Aid Project and S. P. means State Project)**, gravel surfacing 21,600 cu.yd. S. P. 2-32, Sect. 1, F. A. P. 348, $25,000, and 22,300 cu.yd. S. P. 4-29, Sect. 2, F. A. P. 342, $25,000; also grading 338,000 cu.yd. S. P. 52-21, F. A. P. 381, $67,000. Eng. Dept. State Hy. Dept., engrs.

Minn., Hastings — Apr. 19, by R. W. Downs, aud. Dakota Co., 7 in. one course concrete paving approximately 8,578 sq.yd. Job 2607, State Aid Rd. 7, 18 ft. Former bids rejected. Noted Mar. 11.

Minn., St. Paul — Apr. 13, by A. E. Eggert, city purch. agt., paving Aldine St. between University and Shields Aves., and Dale St. between Como Ave. and Wheelock Parkway, Contr. B. G. Shepard, city engr.

North Dakota — Apr. 20, by State Hy. Comn. and Comrs. Foster Co., Court House, Carrington, grading, etc. 19 mi. Federal Aid Project 295-A. C. Christensen, highway comr.

North Dakota — Apr. 20, by State Hy. Comn. and Comrs. Ramsey Co., Court House, Devils Lake, **(F. A. P. means Federal Aid Project)** gravel surfacing, etc. 9.669 mi. F.A.P. 224-A; 3.176 mi. F.A.P. 222; 0.65 mi. F.A.P. 155-B; 12.082 mi. F.A.P. 225; and 13.709 mi. F.A.P. 294-A. C. Christensen, highway comr.

North Dakota — Apr. 21, by State Hy. Dept. and Bd. Comrs. Steele Co., Court House, Finley, grading, etc. 9.239 mi. Federal Aid Project 325-B. C. Christensen, highway comr.

North Dakota — Apr. 23, by State Hy. Comn. and Comrs. Eddy Co., Court House, New Rockford, grading, etc. 6.523 mi. Federal Aid Project 296-A. C. Christensen, highway comr.

N. D., Dickinson—Apr. 28, by E. R. Griffin, Mandan, city aud., paving approximately 48 blocks various streets. $180,000.

Mo., Hannibal — Apr. 19, by City Clerk, sheet asphalt on brick paving 28,000 sq.yd. and brick paving 4,250 sq.yd. Bway. W. R. Gettler, City Hall, engr. Noted Mar. 18.

Mo., Platte City—Apr. 14, by City Clerk, bituminous macadam paving, etc., 23,375 sq.yd. various streets. $26,000. W. B. Rollins & Co., 521 Ry. Exch. Bldg., Kansas City, engrs.

Streets and Roads (Continued)

Tex., Abilene—Apr. 14, by L. C. McCanlies, resident engr., grading and bridging 5.74 mi. Highway 1, Federal Aid Project 468, for Taylor Co. $68,600.

Tex., Abilene—Apr. 14, by C. D. Speck, judge Taylor Co., grading, etc., 5.739 mi. Highway 1, Abilene-Taylor Co. line Rd., Federal Aid Project 468, 26 ft., incl. 4 rein.-con. bridges over 20 ft. span. $62,000. L. C. McCanlies, Abilene, engr.

Tex., Baird — Apr. 13, by T. H. Webb, engr., bituminous macadam paving 6.39 mi. Highway 1, Federal Aid Project 52-E, Unit 2, 18 ft. $150,000.

Tex., Big Springs — Apr. 15, by C. E. Thomas, mayor, grading, curbing, guttering, and 2 in. vitr. brick, 2 in. Uvalde rock, 6 in. concrete, 2 in. asphaltic concrete or 2 in. warrenite bitulithic concrete on 5 in. concrete paving, 45,000 sq.yd. various streets, incl. Highway 1. $120,000. R. W. Baker, Big Springs, engr.

Tex., Boston—Apr. 19, by S. J. Robinson, judge Bowie Co., grading, bridging and gravel surfacing 10.75 mi. State Highway 98, State Aid Project 644, 26 ft. $43,000. F. E. Hess, resident engr.

Tex., Brownsville — Apr. 16, by W. O. Washington, engr., Brownsville, O. C. Dancy, judge, and Comrs. Cameron Co., grading and bridging 24.35 mi. Highway 100, Point Isabel-Bareda Rd. $65,000.

Tex., Clarendon—Apr. 15, by City Secretary, paving 40,000 sq.yd. various streets. $175,000. Devlin Eng. Co., Central Bldg., Amarillo, engrs.

Tex., Hondo—Apr. 27, by R. J. Noonan, judge Medina Co., **(F. A. P. means Federal Aid Project)** 1 in. Uvalde rock asphalt or double bituminous surface treating 11.55 mi. State Highway 3, F.A.P. 270-A, Unit 2, $62,000; 10.47 mi. State Highway 3, F.A.P. 270-C, Unit 2, $56,000; and 7.85 mi. State Highway 3, F.A.P. 270-D, Unit 2, $42,000, all 17 ft. M. B. Hodges, Uvalde, co. engr.

Tex., Sherman—Apr. 15, by J. S. Ellingson, city mgr., curbing, guttering, grading and paving 107,000 sq.yd. various streets. $325,000. Address City Engineer.

Tex., Sweetwater — Apr. 15, by A. S. Mauzey, judge Nolan Co., double bituminous on caliche and sledged stone surfacing 161,786 sq.yd. Highway 1, Federal Aid Project 444-B, Unit 2, $348,400; and grading, bridging, etc., 7.82 mi. Highway 70, State Aid Project 534-C, 26 ft., $87,000. J. A. Focht, Sweetwater, co. engr. Noted Jan. 21 and Mar. 11.

Tex., Uvalde—Apr. 28, by H. C. King, judge Uvalde Co., surfacing with 1 in. Uvalde rock asphalt or double bituminous surface treating 5.879 mi. State Highway 3, F. A. P. 360-A, Unit 2, $32,000; 14.159 mi. F. A. P. 289-AC, $73,000; also 5.234 mi. F. A. P. 360-B, $28,000, all 17 ft. M. B. Hodges, Uvalde, co. engr.

Tex., Uvalde—Apr. 28, by Comrs. Uvalde Co., bituminous surfacing 255,946 sq.yd. Highway 3, 18 ft. $340,000. M. B. Hodges, resident engr.

Colorado—Apr. 15, by State Hy. Dept., Denver, concrete paving 50,700 sq.yd. road extending northerly from Husted on State Road 1, Federal Aid Project 275-C. L. D. Blauvelt, State Office Bldg., engr.

Colo., Grand Junction—Apr. 14, by City Council, curbing, guttering and 6 in. concrete on rock paving streets in Paving Dist. 15. F. A. Peck, city aud.

Wash., Kelso—Apr. 17, by Comrs. Cowlitz Co., improving Permanent Highway 12, 18,242 cu.yd. excav., 4,141 cu.yd. solid and 1,067 cu.yd. loose rock excav., 5,320 cu.yd. crushed rock surfacing, etc. $35,000. E. A. Middlebrook, Kelso, engr.

Wash., Mt. Vernon—Apr. 15, by Comrs. Skagit Co., concrete paving 1 mi. Pacific Highway between Edison and Edison Station. R. E. Knapp, Mt. Vernon, engr. Noted Apr. 1.

Wash., Olympia — Apr. 25, by Comrs. Thurston Co., clearing, grading and gravel surfacing 2.5 mi. Butlers Cove Rd. N. R. McKay, Olympia, engr.

Wash., Olympia — Apr. 19, by Comrs. Thurston Co., improving McIntosh-Tenino Rd., 3.9 acres clearing, 3.5 acres grubbing, 7,782 cu.yd. earth, 1,820 cu.yd. loose and 1,130 cu.yd. solid rock excav., etc. N. R. McKay, Olympia, engr.

California—Apr. 19, by State Hy. Comn., Sacramento, concrete widening approximately 2.1 mi. road between Borden and Madera, Madera Co. R. M. Morton, Forum Bldg., Sacramento, highway engr. Noted Apr. 1.

California—Apr. 26, by State Hy. Comn., Sacramento, concrete widening and asphaltic concrete surfacing 5.1 mi. road between Santa Barbara and Coleta, Santa Barbara Co. R. M. Morton, Forum Bldg., Sacramento, highway engr.

California—State Hy. Dept., Sacramento, taking bids asphaltic concrete surfacing and widening 2.8 mi. road point 1 mi. south of Delano and north county boundary, Kern Co. R. M. Morton, Forum Bldg., Sacramento, engr. Noted Feb. 25.

Calif., San Diego — Apr. 19, by Bd. Supervs. San Diego Co., improving Julian Rd. 3-A, 18,307 cu.yd. concrete on 5 in. paving 18 ft. wide, 7 in. edges, 9,081 lin.ft. concrete curbing, one 26 ft. 6 in. x 26 ft. 6 in., and one 24 ft. x 20 ft. 10 in. rein.-con. bridges, 496 ft. 16- to 36-in. c.i. pipe, etc. E. R. Childs, co. surv.

Saskatchewan — Apr. 7, by Dept. Hys., H. S. Carpenter, deputy minister, constructing 9 mi. Project 38-C-St. Walburg South, 12-B-d-Hague West, 13-C Kisbey East and West. $45,000.

Bids Received

Mass., Newton (Ind. br. Boston)—Curbings, walks and driveways on various streets, from O. A. Theurer, Watertown St., Watertown, Mass., $54,034.

N. Y., Buffalo—Dept. Pub. Wks., from Rock Asphalt & Constr. Co., Morgan Bldg., paving streets during 1926, asphalt topping $8.15 per ton, labor $0.89 per sq.yd., new stone $3.25 per sq.yd.; from H. P. Burgard Co., 1968 Filmore St., paving trenches under 80 yd. labor $5.55, material $7.70 per sq.yd., paving trenches between 80 and 1,000 sq.yd. labor $4.50 per sq.yd., material $7.00 per sq.yd., paving trenches over 1,000 sq.yd. labor $4.50 per sq.yd., material $7.00 per sq.yd., replacing stone along the street, railway tracks, etc., labor $2.75 per sq.yd., material $2.25 per sq.yd.; from Standard Paving Ltd., replacing 6 in. concrete base, etc., labor $1.40 per sq.yd., material $1.50 per sq.yd.

N. Y., Long Island City—M. E. Connolly, pres. Queens Boro, Queens Subway Bldg., Apr. 2, grading, curbing and sidewalks on 74th (17th) St., from O'Brien & Kurth, Inc., 8625 137th St., Richmond Hill, $6,379; grading and restoring bituminous macadam paving over trenches in Rockaway Beach Blvd., from Sprague Constr. Co., Plaza Bldg., Far Rockaway, $6,542; repairing sheet asphalt paving in 1st and 2nd Wards, from Sicilian Asphalt Paving Co., 41 Park Row, New York City, $16,657. Noted Apr. 1.

N. Y., St. George — J. A. Lynch, pres. Richmond Boro, Boro Hall, Mar. 30, granite block paving Delafield Pl., etc., from J. Johnson Sons, 455 Bway., West New Brighton, $20,904; bituminous concrete repaving Morningstar Rd., etc., from J. E. Donovan Paving Co., 2205 Richmond Terrace, $42,664. Noted Mar. 25.

N. J., Trenton—Mercer Co., Courthouse, Mar. 30, cold application of tar, etc., approximately 50 mi. various roads, from Good Roads Co., Upper Darby, Pa., $27,214. Noted Mar. 25.

Pa., Bristol—Concrete paving 8,000 ft. Mill and Radcliffe Sts., from Union Paving Co., 30th and Locust Sts., Phila., $93,105. Noted Feb. 11.

Maryland—State Rds. Comn., Baltimore, concrete paving 2.69 mi. highway from Lisbon to Florence, Contr. Ho-41, Howard Co., from M. J. Grove Lime Co., Lime Kiln, $54,224; concrete shoulders on 5.33 mi. road from Rockville to Gaithersburg, Contr. M-1-A, Montgomery Co., from Gosnell, Russell Co., Frederick, $36,188.

Md., Baltimore — Bd. Awards, concrete paving 13,450 sq.yd. Contr. 320, from Aiello Contg. Co., 4th and Gough Sts., $36,806; sheet asphalt paving 11,740 sq.yd. Contr. 321, from Baltimore Asphalt Block & Tile Co., 1320 North Monroe St. $56,792, and 22,000 sq.yd. Contr. 322, from Amer. Paving Co., Montbello Ave., $103,203. Noted Mar. 25.

W. Va., Winfield—Putnam Co., grading Projects 3326-C and 332-A, Buffalo and Union Dists., from Smith & Bender, Inc., Nitro, $47,458.

Tenn., Chattanooga — Asphalt and concrete paving 12 various streets, from Gamble Constr. Co., Power Bldg., approximately $150,000.

O., Cleveland—Bd. Comrs. Cuyahoga Co., Mar. 24, grading, curbing and Lake asphalt paving 51,000 sq.yd. Ridge Rd., from Baldwin Bros., 4500 Euclid Ave. $164,340, and 58,000 sq.yd. North Miles Rd., from Enterprise Paving & Constr. Co., 8436 Bway., $180,780; 8 in. concrete paving 6,800 sq.yd. Mackenzie Rd. 2, from Good Constr. Co., Leader-News Bldg., $24,501. Noted Mar. 18.

Wis., Beloit — Bd. Pub. Wks., Mar. 22, from Western Asphalt Corp., Sioux City, Ia., paving various streets, rein.-con. $130,220, sheet asphalt $132,300, asphaltic concrete $123,820, sheet asphalt on vibrolithic concrete $136,320; and from G. Welch, 206 Water St., vibrolithic concrete $157,620. Noted Mar. 18.

Wis., Milwaukee—Dept. Pub. Wks., R. Stoelting, comr., Mar. 25, from W. F. Hunt, 405 Bway., vibrolithic concrete paving American Ave. $32,173, Euclid Ave. $12,348, 4th Ave. $30,626, Midland Ave. $24,326, Ohio St. $11,125, and 7th Ave. $34,760, from Troemming Bros., 1326 Humboldt Ave. Ellen St. $38,226, from J. C. Bluhm & Son, 1298 Achilles Pl., 57th St. $11,234, from A. E. Retzlaff, 868 Island Ave., 40th St. $10,458, Galena St. $8,988, and Hadley St. $8,270, from Tex Constr. Co., 446 68th Ave. Hope Ave. $24,117, from Kroening Constr. Co., 39th Ave. and Mitchell St., 34th Ave. $4,101; from Gumz & Switalski, 831 45th Ave., Lenox St. $51,184, Hanson Ave. $7,557, Griffin Ave. $7,616, and Clement Ave. $3,264, also one course rein.-con. paving Clement St. $3,387, from White Constr. Co., 68 Wisconsin St., Ellen St. $35,297, Hanson St. $7,288, and Griffin Ave. $7,141; and from C. H. Slattery, 584 71st Ave., concrete sidewalks on 48th St. $[illegible]458. Noted Mar. 25.

Wis., Milwaukee—Dept. Pub. Wks., R. Stoelting, comr., Mar. 26, concrete paving 26,098 sq.yd. 17 alleys, 3 alleys, from W. F. Hunt, 405 Bway., $9,748; 4 alleys, from C. H. Slattery, 584 71st Ave., $20,415; 1 alley, from N. Harris, 417 Juneau Pl., $1,634; 2 alleys, from G. W. Hirth, 1307 7th St., $1,535; 1 alley, from Ryback & Sadowski, 1092 2nd Ave., $18,451; and 3 alleys, from J. C. Bluhm & Son, 1298 Achilles Pl., $12,694.

Wis., Waukesha — C. J. Hahn, highway comr. Waukesha Co., Mar. 30, improving Genesee-Mukwonago Rd., 51,531 cu.yd. earth, 50 cu.yd. solid and 300 cu.yd. loose rock excav., and 61,452 sq.yd. concrete paving, etc., from Nolan Bros., 18 North 2nd St., Minneapolis, Minn., $147,182. Noted Mar. 25.

Mo., St. Louis—Bd. Pub. Serv., 208 City Hall, Mar. 16, **(e. e. means engineers estimate)**, widening 18,800 sq.yd. Franklin St., from Blackburn-Crean Constr. Co., 4030 Chouteau Ave., $127,637, e. e. $132,000; brick on concrete paving 3,215 sq.yd. Beacon St., from Skrainka Constr. Co., Security Bldg., $19,094 e. e. $19,500, and 5,660 sq.yd. Magnolia St., from Everman Constr. Co., 1216 South Grand Blvd., $32,356 e. e. $33,700; Warrenite bitulithic concrete paving, etc., 3,265 sq.yd. Childress St., and 3,435 sq.yd. Geraldine St., from Bituminous Paving Co., Ry. Exch. Bldg., $18,596 e. e. $18,700 and $20,150 e. e. $20,300 respectively; asphaltic concrete paving, etc., 3,365 sq.yd. Tennessee St., from C. A. Moreno, Syndicate Trust Bldg., $24,237 e. e. $23,800; and asphalt paving 2,515 sq.yd. Maryland Ave., from Bridge Asphalt Paving Co., Buder Bldg., $15,703 e. e. $15,800. Noted Feb. 25.

Wash., Seattle—From F. Arcorace, 8423 48th Ave. S., improving Juneau St. et al., 2,700 cu.yd. subgrading at $0.70 per cu.yd., 10,660 sq.yd. concrete paving, $1.60, etc., total $26,218.

Calif., Los Angeles—Supervs. Los Angeles Co., Mar. 22, from G. D. Nichols, P. O. 572, Inglewood, improving Alameda St. et al., 16,086 lin.ft. curbing $0.40 per lin.ft., 32,976 lin.ft. 6 in. guttering $0.20 and 3,994 lin.ft. 8 in. guttering $0.25, 31,536 lin.ft. sidewalk $0.15, 10,399 cu.yd. earth excav. $0.35, 229,646 sq.ft. disintegrated granite surfacing $0.04, total $33,439. Engrs. est. $38,714.

Calif., Los Angeles—Bd. Pub. Wks., from E. L. Fleming, 105 North Park Ave., improving Sayre Ave., 1,432 lin.ft. curbing at $0.55 per lin.ft., 3,813 sq.ft. combination guttering $0.22, 182,118 sq.ft. 6 in. asphaltic concrete paving $0.24, 35,234 sq.ft. 6 in. concrete base $0.21, etc., total $120,486; from Thurston & McGovern, 518 South Catalina St., Redondo Beach, Willmington Blvd., 16,369 lin.ft. curbing $0.55, 461,551 sq.ft. sidewalk $0.135, 852 sq.ft. sheet asphalt paving $0.10, 852 sq.ft. asphaltic concrete paving $0.25, etc., total $93,229; from L. Miletich, 610 West 54th St., improving Beverly Blvd., $50,000; and from J. Martin, 789 Lyon Ave., Radford Ave., 10,714 cu.yd. earth excav. $3,400, 29,550 sq.ft. 8 in. concrete paving $0.215, and 79,906 sq.ft. on 6 in. concrete base $0.18, etc., total $26,869. Noted Mar. 11.

Calif., Los Angeles—Bd. Pub. Wks., from J. Martin, 789 Lyon St., improving Radford Ave. between Clyburn Ave. and San Fernando Rd., grading $3,400, 29,550 sq.ft. 8 in. concrete paving at $0.215 per ft., 79,906 sq.ft. 6 in. concrete paving $0.18, etc., total $26,869. Noted Mar. 11.

Calif., Palo Alto—From Warren Constr. Co., 1305 28th St., Oakland, improving Santa Ynez, California Ave., Nevada and Cowper Sts., 106,600 sq.ft. grading at $0.28 per sq.ft., 90,700 sq.ft. 1½ in. Warrenite on 2 in. rock and 2½ in. asphaltic concrete paving $0.216, etc., total $45,904.

Calif., San Diego—Common Council, Mar. 29, from G. R. Daley, 4430 Boundary St., improving Louisiana St. between El Cajon and Adams Aves., 114,912 sq.ft. 1½ in. asphaltic concrete on 4 in. concrete paving $0.219 per sq.ft., 3,732 sq.ft. concrete sidewalk $0.22, 77 lin.ft. concrete curbing $0.65, etc., total $33,684. Noted Mar. 18.

Streets and Roads (Continued)

Calif., Santa Monica—City Council, from Kneen Paving Co., Dudley Blk., improving Colorado Ave. between 14th St. and northeast city boundary, 582,283 sq.ft. grading at $0.065 per sq.ft., 426,131 sq.ft. Warrenite bituminous paving $0.199, 15,059 ft. curbing $0.55, etc. Noted Feb. 25.

Alta., Edmonton — See "Contracts Awarded."

Contracts Awarded

Rhode Island—State Bd. Pub. Rds., State House, Providence, concrete paving roads in North Providence, to Lane Constr. Co., 37 Colony St., Meriden, Conn., $56,154; in Warick, to Hudson Constr. Co., Newport, R. I., $73,026; in North Smithfield, to Perini & Sons, Inc., Ashland, Mass., $77,876; in Foster, to Kelliher Bros., Turner Falls, Mass., $30,992. Grand total $238,048.

Conn., Manchester—Bd. Selectmen, curbing, guttering and driveways, to Ahern Bros., East Windsor Hill, East Hartford. Engrs. est. $45,000. Noted Mar. 25.

N. Y., New York—W. J. Flynn, acting pres. Bronx Boro, Crotona Park, Tremont and 3rd Aves., to C. D. Beckwith, 2875 Bway., sheet asphalt paving Bryant Ave. $11,095, Rochambeau Ave. $24,966, and East 210th St. $29,980, bituminous concrete paving Garden St. $4,277, and grading Miriam St. $8,441; to Asphalt Constr. Co., 208 Bway., sheet asphalt paving Walton Ave. $40,930, East 205th St. $29,991, granite block paving Fordham Rd. $37,968, and Tremont Ave. $46,105; to S. Nugent, 285 West 205th St., grading West 174th St., $32,536; and to L. Di Minna, 2366 Lorillard Pl., granite block paving Bronx St., $22,216. Grand total $288,505. Noted Apr. 1.

Pennsylvania—State Hy. Dept., Harrisburg, **(R. means Route)**, rein.-con. paving, etc. 3,584 sq.yd. R. 268, Sect. 9, Washington Co., to T. W. Munro & Co., DuBois, $28,538; 13,107 sq.yd. R. 111, Greene Co., to Mosteller & Virgin, Wilkinsburg, $99,402; 50,636 sq.yd. R. 130, Delaware Co., to W. Eisenberg, Smith-Austermuhl Bldg., Camden, N. J., $174,890; 57,738 sq.yd. R. 242, Sect. 3, Washington Co., to Blue Ridge Constr. Co., Uniontown, $285,499; and 22,166 sq.yd. R. 135, Sect. 5, Delaware Co., to Ambler Davis Co., Phila., $104,514. Grand total $588,329. Noted Mar. 4 and Mar. 11.

Pa., Ebensburg — Comrs. Cambria Co., concrete paving, etc. 3,200 ft. Menoher Highway, 18 ft., to McClure & Binger, Johnstown, $31,261.

Pa., Phila.—Dept. Pub. Wks., Bureau of Highways, to R. B. Wenner, 2313 Walnut St., grading Aramingo St. $3,670, Ditman St. $2,226, Glenrock and Jackson Sts. $2,328, and Loney, Loretta and Ripley Sts. $26,112, to Dewees Bros., 7200 Shelbourne St., Hunting Park Ave., Cayuga, Claridge, Dungan, Glendale, Howland, Luzerne, Markland, N. Nelson and Ormond Sts. $62,657, to S. C. Ratzell, Limekiln Pike and Haines St., Lowber, Pastorious, Rodney and Wynsam Sts. $24,389, to J. D. Dorney, 2503 East Norris St., Magee St. $12,028, and Ruth St. $754; to Eastern Asphalt Paving Co., Penn. Bldg., asphalt paving (assessment work), Alresford St. $2,695, 16th St. $10,169, asphalt repaving Wharton St. $36,991, and 43rd St. $8,692; to Mack Paving & Constr. Co., Nicetown Lane and Luzerne St., asphalt paving Walnut St. $9,404, 20th St. $14,547; to Acchione & Caruso, 804 South 12th St., redressed granite block repaving Addison, Clover, Filbert, Ludlow, Manning and St. James Sts. $37,223, to Municipal Paving Co., 702 Catharine St., track area of Spruce St. $51,617, 16th St. and 16th St. track area $31,497, 17th St. and 17th St. track area $74,518, to Baton Constr. Co., 1713 Sansom St., Spruce St. track area between 34th and Woodland Sts. $14,105, and 69th St. track area $25,128; to F. C. Graham, 5707 North 7th St., curb and footway work (property owners to pay) 3rd Highway Dist. $9,293; to Phila. Stock & Tank Wks., 50 North 23rd St., structural steel for Bridge 260, over Pennsylvania R.R. tracks $3,085; to J. Meehan & Son, 916 West Dakota St., furnishing and delivering wood blocks $880; to Union Paving Co., 30th and Locust Sts., improving Broad St. and Packer Ave. intersection $17,183; and to Headley Good Roads Co., Franklin Bldg., furnishing and applying dust layer (road oil) $1,184. Grand total $431,375. Noted Mar. 25.

Pa., Phila.—Dept. Pub. Wks., Bureau of Highways, to Frank Mark Constr. Co., N and Winghocking Sts., grading Bellfield and Cliveden Sts. $20,381, and Hellerman St. $7,346, to Dewees Bros., 7200 Shelbourne St., Cottage St. $3,168, to Morrissey Bros., 4345 North 7th St., Godfrey St. $4,627, Ripley and Napfle Sts. $9,364, and Smylie St. $2,951, to Root Bros., Ridge Ave. and Righter St., Manatawna St. $678, to M. J. McCrudden, Real Estate Trust Bldg., Penn and Vaux Sts. $12,762, and Tilden St. $15,091, to S. C. Ratzell, Limekiln Pike and Haines St., Wadsworth St. $1,705; to Eastern Asphalt Paving Co., Penna. Bldg., asphalt repaving Brown, Master, Parrish, Wallace and 36th Sts. $75,896, and Orthodox St. and Orthodox St. (track area) $34,363, to Union Paving Co., 30th and Locust Sts., Lehigh St. $94,987, and removing circular plot on Broad St. south of Oregon Ave. $2,994; to United Paving Co., Real Estate Trust Bldg., redressed granite block repaving (track areas) Chester and 65th Sts. $19,799, and to Municipal Paving Co., 702 Catharine St., 2nd St. $38,611; to W. A. Mundy, 226 South Warnock St., repairing Erie Ave. Bridge 109 $2,990 and Clarissa Bridge 88 $2,490; to J. Meehan & Son, 916 South Dakota St., smooth dressed granite blocks $2,594; and to J. A. Murray, 5141 Ludlow St., redressed granite block work $3,700. Grand total $356,497.

Pa., Uniontown — E. Huston, controller Fayette Co., concrete on slag paving 2 mi. Fiat Rock-Five Forks Rd., to C. R. McIntyre, Uniontown, $97,799; and 1.55 mi. Fayette City-Bolle Vernon Rd., to Frasier & Mansfield, McKeesport, $101,538. Noted Mar. 18.

Md., Towson — Comrs. Baltimore Co., Courthouse, concrete paving 2.03 mi. Group 3, Middletown, Graystone and Old York Rds., to Ward & O'Connell, New Amsterdam Bldg., Baltimore, $57,355. Noted Apr. 1.

W. Va., Harrisville—Ritchie Co., grading, etc. 2.54 mi. Harrisville-Auburn Rd., Union Dist., to J. L. Holbert & Sons Co., Shinnston, $28,045; 7.44 mi. Parkersburg-Staunton Pike Rd., Murphy Dist., to Rice Constr. Co., Belmont, O., $90,276; and sections of Projects 3266 and 3342, to Boso & Ritchie, Ravenswood, $159,130. Grand total $277,451.

W. Va., Williamson—Mingo Co., Bermuda asphaltic macadam paving street through Matewan, to Warwick & Linkoos, Williamson, $29,771. Noted Mar. 4.

Fla., La Belle—Bd. City Comrs., cement sidewalks, grading, guttering and paving various streets, to W. T. Taylor, LaBelle, $810,000. Noted Feb. 18.

Fla., Sarasota—Paving Payne Parkway, Morrill and Laurel Aves., West 8th and West 13th Sts., to J. Stanton Constr. Co., Sarasota. $124,063.

Fla., Wauchula—Paving 8¾ mi. various streets, to W. P. McDonald Constr. Co., Wauchula, $408,000.

Ala., Huntsville — Asphalt on concrete paving 10 mi. various streets, 40-60 ft., to W. J. Runyon Saving Co., Sheffield, $450,000. Engrs. est. $500,000. Noted Feb. 11.

Miss., Biloxi — Curbing, guttering and concrete sidewalks on streets in Biloxi Bay Addition, to R. D. Moore, Jr., Biloxi, approximately $25,000.

La., Bastrop — Police Jury Morehouse Parish, graveling 6 mi. Bastrop-Monroe Highway, Project 5, to M. Tansey, Gallion, $20,000; also 4,500 cu.yd. washed gravel for project, to Central Gravel Co., New Orleans, $10,000. Noted Mar. 11.

Tenn., Pikeville—Bledsoe Co. and State Dept. Highways & Pub. Wks., Nashville, plans improving 10 mi. Pikeville-Spencer Rd. Work will probably be done by day labor, under supervision of Dept. Highways & Pub. Wks. C. N. Bass, comr.

Ohio—Dept. Highways & Pub. Wks., Columbus, grading and concrete paving 3.275 mi. Sect. "H" Hamilton-Eaton Rd., Butler Co., and 0.56 mi. Sect. "Somerville" same road, to Central Constr. Co., Columbus, $93,651 and $13,161 respectively, 0.531 mi. Sect. "Salineville" Salineville-Wellsville Rd., Columbiana Co., to Lewis & Copeland, Lima, $18,605, 0.158 mi. Sect. "B-1" Ceylon-Norwalk Rd., Erie Co., and 0.628 mi. Sect. "Berlin Heights" same road, to Pettibone & Graves, Lakeside, $3,980 and $25,700 respectively, 0.256 mi. Sect. "E" Ceylon-Norwalk Rd., Huron Co., to J. A. Baltes, Norwalk, $7,783, 3.035 mi. Sect. "C-2" Mt. Vernon Mt. Gilead Rd., Knox Co., to Erman & Seible, Defiance, $80,699; surface treated macadam paving 3.12 mi. Sect. "F-1" Delaware-London Rd., Delaware Co., to L. L. Clymer, Bluffton, $48,023; bituminous macadam paving 1.032 mi. Sect. "C" Cambridge-Barnesville Rd., Guernsey Co., to C. A. Baker, Columbus, $33,853, 5.725 mi. Sect. "A" Ohio River Rd., Hamilton Co., to O. F. Moore, Newport, Ky., $314,407, 2.789 mi. Sect. "C" Shelby-Ashland Rd., Richland Co., to J. H. Blausey, Woodsville, $78,842, 3.56 mi. Sect. "B-1" and "C" Burton-Bloomfield Rd., Trumbull Co., to Mahoning Constr. Co., Warren, $92,994; grading, etc., 2.421 mi. Sect. "L" Lancaster-New Lexington Rd., Fairfield Co., to F. H. Beckler, Athens, $34,684, 0.322 mi. Sects. "A," "M," "N" and "O" Ohio River Rd., Gallia Co., to I. H. Kiehner, Jackson, $12,096; crushing, hauling and spreading limestone on 8.2 mi. Sects. "I" and "M" Jackson-Pomeroy Rd., Meigs Co., and 5.8 mi. Sect. "N" Jackson-Pomeroy Rd., Vinton Co., to G. R. Stinchcomb, Columbus, $7,622 and $9,253 respectively; grading, finishing shoulders and slopes, etc., on 0.322 mi. Sect. "B" Ohio River Rd., Washington Co., to W. E. McGee & Son, Chillicothe, $26,556. Grand total $901,909. Noted Apr. 1.

O., Canton — Asphalt paving Maryland Ave. S. W., from 9th St. to Navarre Rd. S. W., to Cable Co., Genl. Del., Canton, $29,746. Engrs. est. $35,000.

O., Cincinnati—Comrs. Hamilton Co., **(e. e. means engrs. est.)** tar bound macadam paving 8,600 sq.yd. School Sect. Rd. from Reemlin Rd. to Harrison Pk., to F. Franz & Sons, North Bend, $19,584, e. e. $25,000; 22,600 sq.yd. Muddy Creek Rd. from Bridgetown Pk. to Ebenzer Rd., and 12,700 sq.yd. Linneman Rd. from Muddy Creek Rd. to Neeb Rds., to J. A. Nickoson, Sayler Park Sta., $54,254 and $28,669 respectively, e. e. $58,998 and $30,705 respectively; 8,200 sq.yd. Livingston Rd. from Blue Rock to Poole Rds., to J. S. Sloan, 2312 Mound Ave., Norwood, $19,932, e. e. $25,000. Grand total $122,439. Noted Mar. 25.

O., Columbus — H. W. Duffy, dir. Pub. Serv., grading, curbing, laying necessary water services, sewer connections, widening, relocating cluster lights and asphalt paving 2,085.5 ft. Front St., 52.5 ft. and grading, curbing, asphalt paving, etc. 876 ft. Kossuth St., 26 ft., to Franklin Asphalt Paving Co., 559 Short St., $37,787 and $10,121 respectively, 800 ft. 22nd St. Ave., 26 ft., to Pyle-Burns Constr. Co., 8 East Long St., $7,125; brick paving, etc. 448 ft. Gorman St., 33 ft., to R. J. Dienst, 209 South High St., $4,173. Grand total $59,206. Noted Mar. 18.

Mich., Corunna—Shiawasee Co., graveling 4 mi. Dist. 68 Rd., to R. B. Richardson, Hazelton, $25,587.

Mich., Grand Haven—Ottawa Co., rein.-con. paving 3½ mi. Assessment Rd. 9, on Bridge St., 18 ft., to P. W. O'Connor, 250 Charles St., Grand Rapids, $119,000.

Mich., Monroe—Monroe Co., waterbound macadam paving 4.1 mi. Bedford Erie Rd., 16 ft., to H. H. Gens, Oak Harbor, $90,529; and 3.2 mi. Bedford Erie Rd., Sect. A, 26 ft., to C. M. Gray, Waterville, O., $68,130.

Mich., Orion—Oakland Co. (Pontiac) 20 ft. paving various roads, here, to Taylor Constr. Co., Birmingham, $62,292.

Mich., Pontiac—Oakland Co., 20 ft. paving Orchard Lake Rd., to Bartling & Dull, Pontiac, $112,563.

Mich., Waterford—Oakland Co. (Pontiac) 20 ft. paving various roads, here, to Taylor Constr. Co., Birmingham, $25,014.

Ill., Chicago—Bd. Local Imprvts., Room 207, City Hall, grading, curbing, guttering and asphalt on 6 in. concrete paving Altgeld St. from North Lavergne to North Lockwood Aves., Cortland St. from Mansfield to North Austin Aves., Montana St. from North Cicero to North Lockwood Aves., also grading and preparing present macadam pavement to serve as foundation and 2 in. asphaltic concrete resurfacing Ferdinand St. from North Kilpatrick to North Cicero Aves., to White Paving Co., 1735 Fulton Ave.; grading, curbing, guttering and 8 in. concrete paving Throop St. from West 90th to West 95th Sts., to Smith & Brown, 111 West Washington St.; grading, curbing, guttering and asphalt on 6 in. concrete paving Wentworth Ave. from Illinois Central R.R. tracks to West 123rd St., West 121st St. from South St. to Wentworth Ave., Lafayette and Perry Aves. and South La Salle St. from West 121st to West 123rd Sts., to Amer. Asphalt Paving Co., 844 Rush St.; grading, curbing, guttering and 8 in. concrete paving Bowmanville Ave. from Berwin to Balmoral Aves., Balmoral Ave. from Bowmanville to North Hoyne Aves., North Hoyne Ave. from Balmoral to Foster Aves. and Farragut Ave. from North Hoyne Ave. to Robey St., to Marquette Constr. Co., 4726 North Winchester St.; grading, curbing, guttering and reshaping present macadam for foundation and 2 in. asphaltic concrete resurfacing Kimbark Ave. from East 60th to East 67th Sts., and East 65th St. from Woodlawn to Kimbark Aves., also grading, curbing, guttering and 6 in. concrete paving South Winchester Ave., to R. F. Conway Co., 844 Rush St.; grading, curbing, guttering and 6 in. concrete surfacing 5th Ave. from North Washtenaw to North California Aves., Estes Ave. from North Rockwell St. to North California Ave., Greenleaf Ave. from North Rockwell St. to North California Ave., and North Washtenaw Ave. from Lunt to Kenilworth Aves., to Contracting & Material Co., 133 West Washington St. Noted Feb. 25 and Mar. 18.

Ill., Kankakee—Curbing and 7 in. rein.-con. paving 11,800 sq.yd. East Merchant St., to C. Paradis Co., St. Anne, $31,014.

Ia., Elkador—Clayton Co., to Jack Brown Constr. Co., Madison Lake, Minn., improving roads, 98,821 cu.yd. excav. at $0.255 per cu.yd., 992 ft. 15 in. curbing $0.30, 304

Streets and Roads (Continued)

ft. 18 in. culvert $0.40, and 150 ft. 24 in. culvert $0.40.

Ia., Mason City—Cerro Gordo Co., to L. O. Kimball, Clear Lake, improving 7 mi. road, 55,604 cu.yd. excav. at $0.33 per cu. yd., 86,409 stable yds. overhaul $0.02, and 820 ft. culvert labor $0.25.

Ia., Sigourney—R. E. Richardson, city clk., to J. C. Blunk, Ottumwa, 6 in. rein.-con. paving, using gravel aggregate, 35 blocks various streets, at $1.91 per sq.yd., and 8 in. rein.-con. using limestone aggregate, 35 blocks at $2.28. Engrs. est. $180,000. Noted Mar. 11.

Ia., Winterset—Madison Co., to R. T. Osman, Ames, improving 5.3 mi. Primary Rd. 15, Federal Aid Project 236, 72,397 cu.yd. excav. at $0.217 per cu.yd., 200 cu.yd. excav. $0.50, 580 ft. 15 in. culvert labor $0.50 and 40 ft. 24 in. culvert labor $1; and to G. Cronkhite, Perry, 1,850 ft. 6 in. tile drain at $0.15 per ft., 350 ft. 8 in. tile drain $0.20, and 11 intake $25. Noted Mar. 18.

Minn., Fergus Falls—W. Lincoln, aud. Otter Tail Co., grading, etc., 8.25 mi. Vining-Almora Rd., to Studer & Manion, 509 Globe Bldg., Minneapolis, $28,469.

Minn., St. Paul—Grading Montreal Ave. between Edgcumbe Rd. and West 7th St., to Thornton Bros., 318 Endicott Bldg., $37,-387; and Montreal Ave. between Cleveland Ave. and Edgcumbe Rd., to M. Wunderlich, 1171 Charles St., $23,897.

Kan., Russell Springs—Logan Co., grading, etc., 2.992 mi. Federal Aid Project 247-A, to A. J. Canaday, Scott City, $14,-444. Noted Mar. 11.

Kan., Waverly—Vitr. brick on 5 in. concrete paving various streets, to C. J. McCoy Constr. Co., Emporia, $26,563.

Kan., Eldorado—City and Butler Co., concrete paving 0.96 mi. various roads, 18 ft., to Lewis, Sehide & Kennedy, Eldorado, $28,599.

Nebraska—State Hy. Dept., Lincoln, **(F. A. P. means Federal Aid Project)**, to Union Constr. Co., Kearney, 2 in. gravel surfacing 7 mi. Elwood-Smithfield Rd., F. A. P. 11, Gosper Co., $20,068, and grading, etc., 7.2 mi. Lexington-Elwood Rd., F. A. P. 252-A, Dawson Co., $25,366; to Allied Contractors, Inc., 1803 Douglas St., Omaha, grading, 2 in. gravel surfacing, bridges, etc., on 15.6 mi. Litchfield-Broken Bow Rd., F. A. P. 22-B-C-E, $48,920, concrete culverts on 7.8 mi. Arnold-Merna Rd., F. A. P. 96-C, and on 2.28 mi. same road F. A. P. 188-C, $2,433, all Custer Co.; to Custer Co. Bd., Broken Bow, grading 6.2 mi. Litchfield-Broken Bow Rd., F. A. P. 22-B, C, D and E, Custer Co., $32,283; to Reed & Kennedy, Dalton, 2 in. gravel surfacing 19.5 mi. Overton-Cozad Rd., F. A. P. 39, Dawson Co., $25,430, 9.2 mi. Dix-Kimball Rd., F. A. P. 147-A, Kimball Co., $10,111, and 10.2 mi. Sidney-West Rd., F. A. P. 149-D, Cheyenne Co., $9,101; to C. H. King, Indianola, grading 3.4 mi. McCook-Bartley Rd., F. A. P. 46, Red Willow Co., $3,113; to A. Carter, McCook, 2 and 3 in. gravel surfacing same road, $5,503; to Standard Bridge Co., Omaha, grading same road, $7,106; to D. C. Condon, Omaha, grading 7.8 mi. road from Hayes Center west, F. A. P. 63-A, Hayes Co., $25,633, 3.4 mi. Atlanta-Oxford Rd., F. A. P. 145-A, Phelps Co., $6,239, and 10.7 mi. Loomis-Bertrand Rd., F. A. P. 251-B, Phelps Co., $16,573; to A. C. Smith, Scottsbluff, grading, 2 in. gravel surfacing, etc., 5 mi. Gering-Harrisburg Rd., F. A. P. 69-B, Scottsbluff Co., $12,988, to Martin & Clark, Scottsbluff, 3.5 mi. Chadron-Bordeaux Rd., F. A. P. 124-B, Dawes Co., $13,515, and 10.2 mi. road from Sidney west, F. A. P. 149-D, Cheyenne Co., $13,647, to F. McCarter, Bayard, 11.9 mi. Merriman-Ely Rd., F. A. P. 202-D, Cherry Co., $62,638, to E. L. Marrs, Hebron, 13.5 mi. Eli-Cody Rd., F. A. P. 202-E, Cherry Co., $90,403; and to Peterson Shirley & Gunther, Omaha, 10.5 mi. Grant-Brandon Rd., F. A. P. 264-A, Perkins Co., $21,310; to Roberts Constr. Co., Lincoln, 2 in. gravel surfacing 10.9 mi. Merriman-Gordon Rd., F. A. P. 202-A, Cherry Co., $29,200, to Abel Constr. Co., 318 Terminal Bldg., Lincoln, 2 in. gravel surfacing 10.7 mi. Loomis-Bertrand Rd., F. A. P. 251-B, Phelps Co., $24,-208; to S. F. Walter, Franklin, 1 bridge on Bayard-Bridgeport Rd., F. A. P. 79-D, Morrill Co., $7,496; to Nebraska Culvert & Mfg. Co., Wahoo, corrugated culverts on 7.8 mi. road from Heyes Center west, F. A. P. 63-A, Hayes Co., $8,008. Grand total $521,302. Noted Feb. 4.

North Dakota — State Hy. Dept. and Comrs. Pierce Co., Court House, Rugby, gravel surfacing, etc., 16.034 mi. Federal Aid Project 204-A-B, to Tobin & Maloney, Madison, S. D., $23,048. Noted Feb. 25.

North Dakota — State Hy. Dept. and Comrs. Sargent Co., Court House, Forman, grading, etc., 56,600 cu.yd. Federal Aid Project 191, to N. Brolander, Wahpeton, $25,551.

North Dakota—State Hy. Dept., Bismark, **(F. A. P. means Federal Aid Project)**, gravel surfacing 9.111 mi. F. A. P. 82, Ward Co., to M. E. Thompson, Minot, $10,-181, 6.468 mi. F. A. P. 203, Benson Co., and F. A. P. 221-C, Ransom Co., to Tobin & Maloney, Madison, S. D., $6,643 and $3,360 respectively, and 11.999 mi. F. A. P. 89, Sargent Co., to H. Pickus Constr. Co., Sioux City, Ia., $18,498; also grading, etc., 5.338 mi. F. A. P. 251-B, Morton Co., to W. L. Chapin, McIntosh, S. D., $18,434. Grand total $57,116. Noted Feb. 25 and Mar. 11.

Ark., Warren—For 3 in. brick on 5 in. concrete paving 4,260 sq.yd. streets in Dist. 2, and 2½ in. brick on 5 in. concrete surfacing 11,850 sq.yd. streets in Dist. 3, to Cook & Ransome, Ottawa, Kan., $17,139 and $49,115 respectively.

Tex., Liberty—Liberty Co., making plans shell surfacing 7½ mi. Highway 61 from Devers at intersection of Highway 3 to Chambers Co. line $45,000. A. C. Love, Liberty, engr.

Tex., Liberty—Liberty Co., shell surfacing 5.821 mi. and concrete paving 16.474 mi. State Highway 3. Federal Aid Project 352. Units 3 and 4, 18 ft., to F. P. McElwrath. Corsicana. $419,220. Engrs. est. $475,000. Noted Mar. 25.

Tex., Linden—Cass Co., grading, bridging and gravel surfacing 5.64 mi. Federal Aid Project 457-A, to P. B. Price & Co., Paris, $59,782.

Tex., Memphis—Hall Co., 2½ in. brick on 4 in. concrete paving various streets, to Panhandle Constr. Co., Lubbock, $181,550. Engrs. est. $190,000.

Tex., Memphis—For 2½ in. brick on 4 in. concrete paving 60,000 yd. various streets, to Panhandle Constr. Co., Lubbock, $181,550. Noted Mar. 25.

Okla., Durant — Grading and concrete paving 12,420 sq.yd. 1st, South 9th and East Main Sts., to E. C. Baum, Durant, $38,325. Engrs. est. $40,000.

Calif., Blythe — City Trustees, curbing, walks, ornamental lighting system, and asphaltic concrete surfacing Hobsonway, Spring St., etc., to Southwest Paving Co., Washington Bldg., Los Angeles. Noted Mar. 25.

Calif., El Monte—Curbing, walks, vitrolithic concrete paving, etc., Tyler St., etc., to Hall-Johnson Co., 905 Westminster St., Alhambra, $37,872. Noted Feb. 25.

Calif., Los Angeles—Curbing, guttering, walks, and remodel asphaltic concrete paving, etc., 7,080 sq.ft. 84th St. between Bway. and Figueroa St., to W. Liddington, 420 East 60th St., $44,435. Noted Mar. 25.

Calif., Los Angeles—Grading, paving, asphaltic concrete paving, etc., Vineland Ave. between Central Ave. and Ventura Blvd., to Southern Pacific Constr. Co., 2813 South Glendale Blvd. $63,971, and Virginia Ave. between Western and Bronson Aves., to W. J. Curren, 221 A West Bway., Glendale, $43,946; also 147,029 sq.ft. cement walks in Municipal Impvt. Dist. 37, to Boulevard Land Co., 111 West 4th St., $0.175 per sq. ft. Noted Feb. 18 and Mar. 18.

Calif., Los Angeles—Supervs. Los Angeles Co., grading and concrete paving, etc. 165,-811 sq.ft. Prairie Ave. between Pine St. and Los Angeles city limits, to T. T. Crawford, Pomona, $45,775.

Calif., Los Angeles — Los Angeles Co., concrete paving, etc., portion of Woodruff Ave., to L. J. Turner, 205 East 1st St., Long Beach, $25,576; also Spencer and Carlyle Sts., etc., to H. P. Constr. Co., 5553 Western Ave., $29,820.

Calif., Monterey — Curbing, guttering, walks, asphaltic concrete paving, etc. 161,-400 sq.ft. Park and Ocean Aves., to Clark & Henery Constr. Co., Chancery Bldg., San Francisco, $59,975.

Calif., Pomona — Guttering and 5 in. oil macadam paving 268,000 sq.ft., etc. Orange Grove Ave., to Fleming Constr. Co., 105 North Park Ave., approximately $40,000.

Calif., Santa Rosa—Supervs. Sonoma Co., concrete paving, etc. 1½ mi. Petaluma-Valley Ford Highway, to Proctor & Cleghorn, Rosenberg Bldg., Santa Rosa, $32,308.

Calif., Woodland — Supervs. Yolo Co., improving Blacks to McClintocks Corner, Knights Landing Twp., 3,546 cu.yd. concrete paving, 851 cu.yd. gravel cushion, etc., to N. M. Ball, Masonic Temple Bldg., Porterville, $46,149.

Ontario—Dept. Pub. Highways, 110 University Ave., Toronto, concrete paving 7.26 mi. road from Colborne to Brighton, Contr. 1274, to Johnson Bros. Co. Ltd., 43 Market St., Brantford, $220,000; and road north of Guelph, northerly for 5.2 mi., Contr. 1277, to McArthur Eng. Co., Guelph, $150,000; macadam paving road east of Lansdowne 4 mi., Contr. 1279, to A. H. Parker, Cornwall, $60,000; concrete widening Jantzens Creek Bridge, Contr. 1288, to Ball Bros., 35 King St. E., Kitchener, $10,000. Grand total $440,000.

Alberta — Provincial Government, Pub. Wks., Edmonton, roadwork in Elk Island and Lacombe, to G. B. Wood, Cartage Co., 409 Lougheed Bldg., Calgary. Engrs. est. $65,463.

Alta., Edmonton—Will lay 6 mi. sidewalks on various streets, by day labor, under supervision A. W. Haddow, city engr., City Hall. $37,500.

Buildings—Commercial

Proposed Work

Vt., Barre—ARMORY—State of Vermont, H. T. Johnson, Montpelier, soon takes bids 3 story, 76 x 124 ft., rein.-con. and stone armory, here. $150,000. F. L. Austin, 240 College St., Burlington, archt. Noted Oct. 29.

Mass., Arlington (br. Boston) — STORE and OFFICE — W. A. Miller & Co., 55 Kilby St., Boston, plans 3 story and basement, brick, Massachusetts Ave., Arlington Center. $150,000. Engineer and architect not selected.

Mass., Boston—APARTMENT—Beacon & Hereford Realty Co., T. J. Kennedy, treas., 8 Trent St., Arlington, having plans prepared by G. N. Jacobs, 4 Park St., Boston, 10 story and basement, 35 x 90 ft., brick, stone and steel, concrete pile foundation, Back Bay Sect. $500,000.

Mass., Boston—MUNICIPAL—City, Dept. Pub. Buildings, J. P. Englert, supt., plans new municipal building. $500,000 appropriated. Engineer and architect not selected.

Mass., Boston — OFFICE — South Bay Realty Corp., 350 Madison Ave., New York City, plans 11 story and basement, brick and stone, Clarendon and Berkley Sts. $1,-000,000. Engineer and architect not selected.

Mass., Brockton—BANK—Brockton Natl. Bank, C. R. Fillebrown, pres., 90 Main St., having plans prepared by T. M. James, 3 Park St., Boston, 2 story and basement, brick and stone addition, Main and Church Sts. $150,000.

Mass., Cambridge (Boston P. O.)—HOSPITAL—Holy Ghost Hospital, Cambridge St., having plans prepared by W. H. McGinty, 241 Adams St., Dorchester, 5 story and basement, 45 x 155 ft., brick and steel addition. $500,000.

Mass., Cambridge (Boston P. O.)—HOTEL and STORE—C. Ernest, 1134 Massachusetts Ave., plans 10 story and basement hotel and store building, 18-28 Boylston St. $500,000. Engineer and architect not selected.

Mass., Dedham — THEATRE — Dedham Community Theatre Corp., c/o H. R. Duffie, archt., 333 Belgrade Ave., Rosindale, having plans prepared 2 story and basement, brick, steel and stone, High St. $200,000.

Mass., Lynn — BANK — Commonwealth Savings Bank, 345 Union St., plans 1 or 2 story and basement, brick and stone bank. $150,000 or more. Engineer and architect not selected.

Mass., Pittsfield — EXCHANGE — New England Telephone & Telegraph Co., 50 Oliver St., Boston, plans exchange, here. To exceed $150,000. A. Duffy, c/o owner, engr. Architect not selected.

Mass., Woburn — HOSPITAL — Choate Memorial Hospital, A. W. Bay, chn. trustees, having plans prepared by Stevens & Lee, 45 Newbury St., Boston, maternity hospital, brick and stone. To exceed $150,000.

R. I., Providence — BANK — Old Colony Bank, 602 Industrial Trust Bldg., having plans prepared by T. M. James, 3 Park St., Boston, Mass., brick, steel and stone, Weybosset St. To exceed $150,000.

Conn., Hartford—APARTMENT—J. A. Dolgin, 198 Vine St., had plans prepared by Berenson & Moses, 30 Allyn St., 3 story and basement, 84 x 120 ft., brick and steel, Albany Ave. and Woodland St. $150,000.

Conn., New Haven — OFFICE and APARTMENT — M. Konry, 1430 Dixwell Ave., plans 6 story, Grove and Church Sts. $600,000.

N. Y., Flushing—THEATRE—T. M. Lay, c/o Ewing & Allen, engrs. and archts., 101 Park Ave., New York City, having plans prepared brick, steel and stone, plain foundation, Maple St., here. $250,000.

N. Y., Flushing — THEATRE — B. F. Keith, Inc., 1564 Bway., New York City, having plans prepared by T. W. Lamb, engr. and archt., 644 8th Ave., New York City, 6 story, brick, steel and stone, plain foundation, Northern Blvd. $850,000.

N. Y., New York — CLINIC — New York Osteopathic Clinic, Inc., 35 East 22nd St., J. B. McKee, pres., having plans prepared by H. O. Champan, engr. and archt., 171 Madison Ave., brick, steel and stone, plain

Buildings—Commercial (Continued)

foundation, East 20th St. $200,000. Noted Jan. 7.

N. Y., New York—EXCHANGE—New York Telephone Co., 15 Dey St., having plans prepared by McKenzie, Voorhies & Gmelin, engrs. and archts., 342 Madison Ave., rein.-con., brick and steel, plain foundation, 175th St. and Grand Concourse. $1,250,000.

N. Y., New York—HOTEL—A. Kay, c/o F. P. Platt & Bro., archt., 221 West 57th St., had plans prepared brick, steel and stone, plain foundation, 6th Ave. and 46th St. $600,000. E. E. Seelye, 101 Park Ave., engr. Noted Jan. 28.

N. Y., New York — OFFICE — Lower Broadway Properties, c/o H. C. Severance, archt., 36 West 44th St., soon takes bids 35 story, brick, steel and stone, plain foundation, Bway. and New Sts., $2,500,000. D. M. Oltarsh, 36 West 44th St., engr.

N. Y., New York — WAREHOUSE — Lincoln Storage Warehouse, 60 East 42nd St., soon takes bids 12 story, rein.-con., brick and steel, plain foundation, 3rd Ave. and 69th St. $1,000,000. G. E. Kingsley, 145 West 41st St., archt.

N. Y., Rochester—OFFICE—F. J. Reidpath, archt., Mutual Life Bldg., Buffalo, preparing plans and soon takes bids 6-10 story and basement, rein.-con. and steel, plain foundation, Broad St., here; for Broad Buildings Corp. $500,000.

N. Y., Utica—EXCHANGE—New York Telephone Co., 15 Dey St., New York City, soon takes bids 3 story, brick, steel and stone, plain foundation, Cornelius and Genessee Sts., here. $150,000. McKenzie, Voorhees & Gmelin, 342 Madison Ave., New York City, engrs. and archts.

N. J., Lakewood — HOTEL — Cohen & Jacobs, c/o Rosedale Hotel, plan hotel, 10th St. and Madison Ave. $165,000. Engineer and architect not selected.

N. J., Trenton — FIRE HEADQUARTERS, etc.—City soon takes bids 3 story, fire headquarters and machine shop, Perry St. $385,000. J. O. Hunt, 219 East Hanover St., archt.

Pa., Elizabethtown—CHILDRENS HOSPITAL — State of Pennsylvania, c/o C. Minor, Capitol, Harrisburg, having plans prepared by Thomas, Martin & Kirkpatrick, 220 South 16th St., for childrens hospital, here.

Pa., McKees Rocks—BANK—First Natl. Bank having plans prepared by Simons, Brittain & English, Magee Bldg., Pittsburgh, 2 story and basement, 40 x 100 ft., brick and stone bank. $150,000.

Pa., Phila. — APARTMENT — D. Sorkin, c/o J. S. Fuller, archt., 5438 Locust St., having plans prepared 4 story and basement, 41 x 128 ft., brick and steel, plain foundation, 48th and Chestnut Sts. $150,000.

Pa., Phila.—EXHIBITION—J. Molitor, archt., 1313 Walnut St., soon lets contract Palace of Education, 1 story, 208 x 524 ft., rein.-con., stucco and steel, wood pile foundation, Broad and Pattison Sts., for Sesquicentennial Exposition, W. F. Kendrick, pres., 5th and Chestnut Sts.

Pa., Phila. — INSURANCE — Providence Life Insurance Co. having plans prepared by Cram & Ferguson, 248 Boylston St., Boston, Mass., 1st class insurance building, 46th and Market Sts. To exceed $150,000.

Pa., Phila.—OFFICE—T. Pressee Co., 1712 Chestnut St., having plans prepared by Davis, Dunlap & Barney, 1805 Walnut St., 8 story and basement, 60 x 96 ft. annex, 1723-33 Sansom St., and 54 x 60 ft. annex, 1705-11 Sansom St., both rein.-con., brick and steel, plain foundations.

Pa., Phila.—STORE — Ritter & Shay, archts., Packard Bldg., soon lets contract rein.-con., brick and steel, plain foundation, 929 Market St., for H. C. Kahn, Inc., 11th and Filbert Sts. Noted Dec. 17.

Pa., Pittsburgh—HOTEL—Kelkearys Hotel, 135 9th St., having plans prepared by E. B. Lee, Chamber of Commerce Bldg., 6 story and basement, brick and steel, 9th St. $150,000.

Pa., Pittsburgh—WAREHOUSE—Donohoes, Inc., 242 5th Ave., having plans prepared probably 5 story, 125 x 490 ft., brick and steel, Beaver and Page Sts. $300,000. Private plans.

D. C., Wash.—GARAGE—Capitol Garage Co., 1416 H St. N. W., had plans prepared by A. B. Heaton, 1211 Connecticut Ave. N. W., 10 story, 156 x 200 ft., concrete garage. $1,000,000. Noted Dec. 31.

D. C., Wash.—CONVENTION HALL and ARENA — Capitol Square Garden having plans prepared by J. H. DeSibour, Investment Bldg., altering 3 story, brick and concrete, 2nd and B Sts. N. W. $1,500,000.

N. C., Greensboro—APARTMENT—C. C. Pierce, plans 3 story and basement, North Elm St. $150,000.

N. C., Greensboro — GARAGE, etc. — Richardson Realty Corp. plans 2 story and basement, 125 x 262 ft., concrete and brick garage and car storage building, Bellemeade St. $200,000.

N. C., Raleigh—HOTEL—State Hotel Co. plans 8 story and basement, brick, terra cotta, steel and stone, Dawson St. $500,000. W. Smith, Citizens Bank Bldg., interested.

Ga., Atlanta — CITY HALL — Voted $1,000,000 bonds, new city hall. W. Sims, mayor. Noted Jan. 21.

Fla., Miami — GARAGE and HOTEL — Terminal Hotel Co. having plans prepared by F. J. DeLongchamps, Gazette Bldg., Reno, Nev., 12 story, fireproof garage and hotel. To exceed $1,000,000.

Miss., Biloxi—APARTMENT HOTEL—A. Braun & K. Dorris, plan 7 story, rein.-con., on 150 x 450 site, East Beach Blvd. between Holly and Kuhn Sts. $1,000 000. Engineer and architect not selected.

Tenn., Paris—BANK—Marr & Holman, archts., Stahlman Bldg., Nashville, soon let contract 4 story and basement, 50 x 150 ft., rein.-con. and brick, plain foundation, Main St., here, for 1st Natl. Bank. $150,000.

O., Akron—GARAGE—Bd. Control soon takes bids 1 story and basement, 156 x 200 ft., Johnson and Spicer Sts. $150,000.

O., Canton—OFFICE—Adler & Lauremon, Inc., Brant Bldg., plans 8 story, 50 x 150 ft., Cleveland and 2nd Sts. S. W. $500,000

O., Cleveland — COMMERCIAL and APARTMENT—Stotter-DeGroot-Haber Co., Leader-News Bldg., had plans prepared by Braverman & Havermaet, Ulmer Bldg., 3 story and basement, brick, Carnegie Ave. and East 86th St. $150,000.

O., Dayton—Y. M. C. A., A. C. Dixon, genl. secy., 3rd and Ludlow Sts., plans 7 story, brick and concrete addition, also 3 story, concrete and brick building for colored Y. M. C. A., 5th St. $750,000. funds being raised for same.

O., East Cleveland (br. Cleveland)—APARTMENT—Davis & Olkes, 3602 East 142nd St., Cleveland, had plans prepared by M. Altschuld, 5116 Woodland Ave., Cleveland, 3 story and basement, 40 x 120 ft., brick, 1244 Hayden Ave. $150,000.

Ind., Anderson — LODGE — Eerie of Eagles having plans prepared by E. R. Watkins, 441 Union Bldg., 2 story, 72 x 144 ft., rein.-con., plain foundation, South Meridian St. $150,000.

Ill., Chicago—APARTMENT and STORE—W. L. Wallen, Jr., 6712 North Clark St., had plans prepared by R. F. France & Co., 155 North Clark St., and takes bids about Apr. 5, 8 story and basement, 150 x 225 ft., rein.-con. and brick, 5200 Sheridan Rd. $2,500,000.

Ill., Chicago—BANK—H. L. Newhouse, archt., 4623 Drexel Ave., made plans and takes bids about Apr. 3, 3 story and basement, 50 x 100 ft., brick and stone, Northwest 79th St. and Emerald Ave., for Auburn Park Trust & Savings Bank, 7855 South Halstead St. $400,000.

Ill., Chicago—OFFICE—Building Constr. Employers Assn., Chamber Commerce Bldg., having preliminary sketches made 21 or 23 story and basement, 100 x 150 ft., La Salle St. and Wacker Dr. $4,000,000. Engineer and architect not selected.

Ill., Rock Island—CITY HALL—Cervin, Horn & Stuhr, archts., Safety Bldg., made preliminary sketches new city hall, for City. Election Apr. 20, to vote on bonds for same.

Wis., Shorewood (Milwaukee P. O.) — THEATRE and BUSINESS — H. D. Werwath, archt., 1266 Oakland Ave., takes bids about Apr. 12, 2 story and basement, 120 x 128 ft., rein.-con. and brick, plain foundation, Oakland Ave., for O. L. Gellerup, 430 Thomas St. $200,000.

Ia., Iowa City — ATHLETIC FIELD HOUSE — Proudfoot, Rawson & Souers, archts., Hubbel Bldg., Des Moines, soon lets contract 3 story and basement, 185 x 460 ft., brick and steel, plain foundation, for State University of Iowa. $400,000.

Minn., Minneapolis — GARAGE and OFFICE—Twin City Motor Bus Co., 1 11th St. S., H. Lowry, pr s., had plans prepared 2 story and basement, 135 x 300 ft., rein.-con., brick and stone, Chestnut St. and 1st Ave. $250,000. Private plans.

Kan., Kansas City — Y. M. C. A., 431 North 15th St., having preliminary plans prepared by D. P. Peterson, 818 Minnesoto Ave., 3 story and basement, 120 x 128 ft., rein.-con., brick and stone hospital. $200,000.

Mo., St. Louis—APARTMENT HOTEL—Local Syndicate, c/o P. J. Bradshaw, archt., International Life Bldg., purchased site and plans 20 story and basement, 477 x 235 ft., rein.-con., brick, steel, stone and terra cotta apartment hotel, incl. swimming pool, Lindell Stand Spring Ave. $5,000,000.

Mo., St. Louis — APARTMENT — M. Anderson, c/o O. J. Krieg, archt., Arcade Bldg., having plans prepared 7 story and basement, 53 x 63 ft., rein.-con., brick and terra cotta, Laurel Ave. south of Delmar Blvd.

Mo., St. Louis—AUDITORIUM—Bd. Pub. Serv., 208 City Hall, soon takes bids 1 and 2 story and basement, 55 x 190 ft., brick and concrete auditorium, dining hall and solari at sanitarium, Arsenal St. $238,000. L. R. Bowen & H. Updike, 301 City Hall, engrs. L. R. Bowen & A. Osburg, 301 City Hall, archts. Noted Mar. 25.

Tex., Brownsville — AUDITORIUM and CHAMBER of COMMERCE — Plans election soon $160,000 bonds, auditorium and chamber of commerce building. Address W. E. McDavitt, chn. building com.

Tex., Childress — HOSPITAL — Childress Co., c/o J. H. Callaway, judge, having sketches made by Voelcker & Dixon, 4 Kahn Bldg., Wichita Falls, new hospital. $175,000.

Tex., Nacogdoches—HOTEL—Chamber of Commerce, c/o O. Bescler, secy., and J. H. Buchanan, plans 3 or 4 story, rein.-con., brick and stone addition. $200,000. Engineer and architect selected soon.

Tex., San Antonio—HOTEL and HOTEL APARTMENT — H. C. Thorman & associates, 125 East Travis St., having plans prepared by J. N. McCammon, engr. and archt., Dallas, Tourist Hotel, 12 story and basement, rein.-con., brick and tile $1,000,000; also two 12 story hotel apartments, $500,000 each, Devine and Robinson Rds. Noted Apr. 1.

Tex., San Antonio—SALES—A. B. Frank Co., 210 West Commerce St., having plans prepared by A. B. and R. M. Ayres, 626 Bedell Bldg., 5 story and basement, rein.-con. and brick, 210 Blk. West Commerce St. $200,000. W. E. Simpson, Natl. Bank of Commerce Bldg., engr.

Tex., San Antonio—WAREHOUSE, etc.—Smith Bros. Development Co., Crockett, having plans prepared by A. B. and R. M. Ayres, 626 Bedell Bldg., 7 story and basement, 114 x 190 ft., rein.-con., brick and stone, plain foundation, Navarro and Villita Sts., Bowens Island. $600,000. W. E. Simpson, c/o Natl. Bank Commerce Bldg., engr.

Miss., Biloxi — APARTMENT — Biloxi Real Estate Bd., W. E. Beasley, chn., plans apartment building. $250,000.

Tenn., Memphis — HOSPITAL—Tri-State Baptist Hospital, having plans prepared by Pfeil & Awsumb, Fidelity Bldg., and takes bids about Apr. 25, 8 story, 42 x 150 ft., rein.-con. and brick, Madison Ave. $300,000.

Ind., Anderson — APARTMENT and GARAGE — E. G. Spink Realty Co., 203 Medical Arts Bldg., Indianapolis, plans 4 story, 100 x 140 ft., brick and rein.-con. apartment, plain foundation, Central and 11th Sts., $250,000; and 3 story, 50 x 90 ft., rein.-con. garage, plain foundation, Central and 10th Sts., $160,000, here.

Ind., Bluffton—CITY HALL—City having plans prepared by E. I. Brown, Bluffton, 2 story and basement, 105 x 129 ft., brick and steel city hall and community building. $150,000.

Ind., Hammond—HOTEL—Anderson & Christianson, having plans prepared by Wainwright & Vaughn, Hammond 3 story and basement, brick and steel hotel. $200,000.

Ind., Washington — THEATRE — M. Switow & Sons, had plans prepared by C. Epping, 625 South 3rd St., Louisville, Ky., 2 story and basement, 60 x 115 ft., brick and steel, 4th and Main Sts. $150,000.

Wis., Milwaukee—APARTMENT—G. E. Zimmermann, 3402 Grand Ave., having plans prepared by M. Tullgren & Sons Co., 9 Waverly Pl., 4 or 6 story, brick and concrete, plain foundation, Grand Ave. $200,000. Noted Mar. 25.

Ia., Council Bluffs — HOTEL — Greater Council Bluffs Assn., c/o City, had plans prepared by J. C. Jensen, 305 West Bway., A. Anderson, 2534 Avenue B, and G. Spooner, 1142 East Pierce St., 8 story and basement, 156 room, brick, South Main St. $425,000.

Kan., Pittsburg — HOTEL — Pittsburg Hotel Co. having plans prepared by W. T. Schmidt, 1634 West 10th St., Oklahoma City, rein.-con., brick and stone hotel. $300,000.

Kan., Topeka—Y. W. C. A., 7th and Van Buren Sts., having plans prepared by T. W. Williamson & Co., 312 Central Natl. Bank Bldg., 4 story and basement, 140 x 187 ft., rein.-con. and brick. $200,000.

Mo., Kansas City—WAREHOUSE—Great Atlantic & Pacific Tea Co., 818 Summer Ave., Newark, N. J., having plans prepared by Louck & Louck, 1004 Orear-Leslie Bldg., 3 story and basement, 122 x 200 ft., rein.-con. warehouse, 20th and Cherry Sts., here. Noted Mar. 4.

Mo., St. Louis — APARTMENT, THEATRE, etc.—J. Rubin et al, 808 Chestnut St., purchased site and plans 2 story and basement, 152 x 450 ft., rein.-con., brick and terra cotta, Cook and Taylor Sts. $200,000. Private plans.

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Buildings—Commercial (Continued)

Mo., St. Louis—Y. M. C. A., Ry. Exch. Bldg., purchased site and plans 4 story and basement, 210 x 268 ft., brick, concrete and terra cotta building, Grand Blvd. and South Side. $250,000 or more.

Tex., Dallas—HOSPITAL—City Hospital Bd., c/o G. D. Thaxton, Wilson Bldg., having plans prepared rein.-con. addition, Maple Ave. near Oak Lawn St. $250,000. B. C. Hill, archt., 1111 Republic Bank Bldg., made sketches of same.

Okla., Guthrie — HOSPITAL — Methodist Episcopal Church of Oklahoma, c/o E. L. Gahl, archts., 401 Southwest Natl. Bank Bldg., Oklahoma City, having plans prepared 100 bed, rein.-con., brick and stone hospital, here. $250,000. Noted Feb. 5.

Okla., Stillwater—THEATRE and OFFICE—F. M. Tull, 901 West 17th St., Oklahoma City, had plans prepared 3 story and basement, 50 x 140 ft., rein.-con. and brick, plain foundation, 502 North Main St., here. $160,000. Engineer and architect not announced.

Wash., Seattle—THEATRE and OFFICE—Publix Theatres Corp., 485 5th Ave., New York City, N. Y., having sketches made by C. W. Rapp & G. L. Rapp, engrs. and archts., 1749 Howard St., Chicago, Ill., brick, steel and stone, here. $5,000,000.

Wash., Tacoma—APARTMENT—Hill & Mock, archts., Perkins Bldg., take bids about Apr. 22, 5 story, brick and terra cotta, 6th St. and Fawcett Ave., for C. W. Johnson, Johnson Paint Co. $250,000.

Calif., Alameda—BANK and OFFICE—Encinal Natl. Bank, c/o C. L. Tilden, Sr. (interested), 217 Front St., San Francisco, plans rein.-con. bank and office building, here. $150,000 or more.

Calif., Berkeley—STORE—P. T. Swedberg, 2060 University Ave., plans 3 story and basement, probably rein.-con., Allston Way. $150,000. Engineer and architect not selected.

Calif., Brawley—HOTEL—Sears & Patterson, c/o Noerenberg & Johnson, archts., Ry. Bldg., Los Angeles, having plans prepared, fireproof hotel. $150,000.

Calif., Burbank — PICTURE STUDIO — First Natl. Pictures, Inc., 383 Madison Ave., New York City, N. Y., had preliminary plans prepared by Austin Co. of California, 777 East Washington St., Los Angeles, motion picture studio, incl. approximately 45 buildings, here. To exceed $150,000.

Calif., Glendale—APARTMENT—A. R. Sedgley, archt., Kerckhoff Bldg., Los Angeles, preparing plans 3 story and basement, brick, Verdugo Rd. $150,000. Owner's name withheld.

Calif., Long Beach—CLUB and HOTEL—L. A. Smith, archt., Film Exch. Bldg., Los Angeles, soon takes bids 12 story, rein.-con., Ocean Blvd., here, for Consolidated Properties Co., c/o architects. Seaside Commerce Club, Long Beach, lessee.

Calif., Los Angeles — BATH HOUSE — Hollywood Baths Corp., having plans prepared by A. Monaco, 701 Pershing Sq. Bldg., 3 and 4 story, 90 x 138 ft., rein.-con. bathhouse, incl. two 30 x 50 ft. concrete swimming pools. $300,000.

Calif., Los Angeles—CLUB—Ebell Club of Los Angeles, W. Reed, pres., 1719 Figroa St., having plans prepared by Hunt & Burns, Laughlin Bldg., fireproof, Wilshire Blvd. To exceed $150,000.

Calif., Los Angeles—THEATRE, STORE and OFFICE—L. O. Calcoon, c/o L. A. Smith, archt., Film Exch. Bldg., having plans prepared 2 and 3 story, 120 x 140 ft., brick and rein.-con., South Figueroa St. $150,000.

Calif., Los Angeles—THEATRE, STORE and OFFICE—G. A. Lansburgh, archt., Consolidated Bldg., soon takes bids 6 story, rein.-con. and steel, 3,000 seating capacity, Wilcox Ave. and Hollywood Blvd., for Warner Bros., c/o architect. To exceed $1,000,000. Noted Jan. 7.

Calif., Modesto—HOSPITAL—Stanislaus Co. plans election $150,000 bonds, hospital.

Calif., Oakland—APARTMENT—C. W. McCall, archt., 1404 Franklin St., prepared plans 4 story, hollow tile and rein.-con., Webster St. $150,000. Owner's name withheld.

Calif., Pasadena — LODGE — Masonic Temple Assn., having plans prepared by Haskell & Bennett, Security Bldg., 2 story, fireproof, South Euclid Ave. $200,000 or more. Noted Mar. 4.

Calif., Sacramento—COMMERCIAL—F. C. Hill, Forum Bldg., plans fireproof, on block bounded by X, Y, 28th and 29th Sts. To exceed $150,000.

Calif., San Francisco—APARTMENT—M. Fassio, c/o C. O. Clausen, archts., Hearst Bldg., having plans prepared 5 story and basement, rein.-con., Fell St. To exceed $150,000.

Calif., San Francisco—APARTMENT—V. V. Lacey, 180 Jessie St., having preliminary plans prepared by C. O. Clausen, Hearst Bldg., 12 story and basement, rein.-con., Mason St. near Sutter St. To exceed $150,000.

Calif., San Francisco — APARTMENT — C. J. Keenan, c/o N. W. Sexton, archt., DeYoung Bldg., having plans prepared 6 story and basement, 50 x 176 ft., steel and concrete, California St. near Stockton St. $150,000.

Calif., San Francisco—APARTMENT—Wagner & Bruer, c/o Bakewell & Brown, archts., 251 Kearny St., had plans prepared 12 story and basement, steel and concrete, Gough and Bway. Sts. $600,000.

Calif., San Francisco—APARTMENT—D. Zelinsky, 165 Grove St., plans steel and rein.-con., Larkin and Francisco Sts. To exceed $150,000. Engineer and architects names withheld.

Calif., San Francisco—STORE and LOFT—W. and J. Sloane Co., 224 Sutter St., plans 10 to 17 story, fireproof, Sutter St. near Powell St. To exceed $750,000.

Calif., San Leandro—THEATRE—Beach-Krahn Amusement Co., c/o J. A. Marshall, archt., 5658 College Ave., Berkeley, having plans prepared rein.-con., Best Estate Tract. $200,000.

Calif., San Mateo — HOSPITAL — Mills Memorial Hospital, having plans prepared by L. R. Hobart, Crocker Bldg., San Francisco, fireproof annex, El Camino Real. To exceed $150,000.

Calif., Santa Barbara — HOTEL — Biltmore Hotel Interests, c/o B. G. McDougall, archt., 535 Sacramento St., San Francisco, having plans prepared fireproof, Leadbetter Point, here. $4,000,000. W. G. Clark, 318 West 9th St., Los Angeles, engr. Noted Nov. 5.

Calif., Santa Barbara — LODGE and CLUB — B. P. O. E. Santa Barbara Lodge, soon takes bids 3 story and basement, 100 x 100 ft., brick and steel lodge and clubhouse. $250,000. Parkinson & Parkinson Title Insurance Bldg., Los Angeles, archts. Noted Oct. 25.

Calif., Santa Rosa—HOSPITAL—Owner, c/o A. M. Thomson (interested) Sonoma, plans 3 wing type, fireproof, St. Helena Ave., here. $150,000.

Calif., Vacaville — THEATRE — A. W. Cornelius, archts., Merchants Natl. Bank Bldg., San Frnacisco, prepared plans rein.-con. theatre, here. $150,000. Owner's name withheld.

Ontario—DEPARTMENTAL—Dept. Pub. Wks., Parliament Bldgs., Ottawa, included $60,000 in government estimates for departmental buildings in Ottawa; $130,000 for public buildings in Gravenhurst, Kitchener, Napanee, Port Colborne, Stouffville, Wiarton; $25,000 warehouses for Dept. Agriculture, Lake Erie; and $115,000 general improvements and repairs, all concrete brick, stone and steel. R. C. Wright, Parliament Bldgs., Ottawa, ch. engr.

Ontario — PARLIAMENT, HOSPITAL etc—Provincial government, Parliament Bldg., Toronto, having plans prepared by F. R. Heakes, Parliament Bldg., Toronto, finishing east wing of Parliament buildings, Toronto, $500,000; extensions to Ontario Hospital, Brockville, $20,000; new building for Ontario Hospital, Woodstock, $100,000; new building for Provincial Reformatory, Guelph, $75,000; Boys Training School additions, Bowmanville, $100,000; mining recording office, Red Lake, $7,500; registry office, Fort Frances, $20,000; jail, Sudbury, $50,000; and jail North Bay, $50,000.

Man., Winnipeg — WAREHOUSE and SHOWROOM — International Harvester Co. of Canada, Ltd., Main and Sutherland Sts., takes bids about May 1, 5 story and basement, brick addition, Main and Southerland Sts. $175,000. Private plans. Noted Feb. 18.

Bids Desired

Mass., Boston—GARAGE—Savoy Realty Co., c/o M. Linenthal engr., 333 Washington St., taking bids 2½ story, 160,000 sq.ft. floor space, rein.-con., brick and steel, plain foundation, Washington and Perry Sts. $250,000 or more.

Mass., Boston—HOSPITAL—See "Contracts Awarded."

Mass., Brookline (br. Boston)—APARTMENT—See "Contracts Awarded."

Mass., Cambridge (Boston P. O.)—HOSPITAL—Holy Ghost Hospital, taking bids 5 story and basement, 45 x 155 ft., brick, steel and rein.-con. addition, plain foundation, Cambridge St. $500,000. W. H. McGinty, 241 Adams St., Dorchester, archt.

Mass., Jamaica Plain (Boston P. O.) — HOME—Home for Italian Children, 1125 Centre St., taking bids 2 story and basement, 56 x 90 ft., brick, stucco and terra cotta, plain foundation. $150,000. W. W. Drummey, 80 Boylston St., Boston, archt.

R. I., Pawtucket — APARTMENT — See "Contracts Awarded."

N. Y., Lockport—Apr. 9, by Y. M. C. A., 19 East Ave., 196 x 200 ft., brick, steel and stone, plain foundation. $500,000. J. F. Jackson, 137 East 45th St., New York City, engr. and archt. Noted Jan. 28.

N. Y., New York—APARTMENT—See "Contracts Awarded."

N. Y., New York—APARTMENT—See "Contracts Awarded."

N. Y., New York—APARTMENT—See "Contracts Awarded."

N. Y., Rochester — FURNITURE STORAGE—O. W. Dryer, archt., 217 East Ave., taking bids 6 story and basement, rein.-con., St. Paul St., for J. A. Schantz Co., St. Paul St. and Central Ave. $500,000.

N. Y., Thiells—ATTENDANTS HOME—May 6, by Superintendent Purchase, Capitol, Albany, attendants home at Letchworth Village, here. S. W. Jones, Albany, state archt.; adv. E. N.-R. Apr. 8.

Pa., Allentown—GARAGE—W. E. Erdell, 601 North 6th St., taking bids 4 story and basement, 84 x 140 ft., brick and rein.-con., North 5th St. $150,000. Jacoby & Everett, Allentown, archts.

Pa., Allentown—GARAGE—Apr. 10, by Jacoby & Everett, archts., Commonwealth Bldg., Phila., 4 story and basement, 83 x 141 ft., rein.-con. and brick, plain foundation, 28-34 North 5th St., for Central Motoramp Garage Co. $175,000.

Pa., Phila.—APARTMENT—See "Contracts Awarded."

Pa., Somerset—STORE—See "Contracts Awarded."

Md., Baltimore—STORE—Apr. 12, by J. E. Sperry, archt., Calvert Bldg., 10 story and basement, 167 x 393 ft., rein.-con., brick and steel, sheet pile foundation, Franklin, Centre, Howard and Tyson Sts., for Hockschild, Kohn & Co., Lexington and Howard Sts. $2,000,000. Noted Feb. 12, 1925.

La., New Orleans—EXCHANGE—Marye, Alger & Alger, archts., Walton Bldg., Atlanta, Ga., taking bids rein.-con., brick and stone, Baronne St. between Poydras and Lafayette Sts., here, for Cumberland Telephone Co. $500,000. R. S. Soule, 429 Carondelet Bldg., associated architect. Noted Dec. 3.

O., Cleveland — COMMERCIAL and APARTMENT—E. J. Garson, c/o Stotter, De Groot & Haber, Leader-News Bldg., taking bids 3 story and basement, 72 x 118 ft., brick, Mayfield and Green Rds. $150,000. Braverman & Havermaet, Uimer Bldg., archts.

Ind., Bedford — BANK — Citizens Natl. Bank, taking bids 4 story, 42 x 105 ft., brick, stone and rein.-con. bank. $150,000. McGuire & Shook, Pythian Bldg., Indianapolis, archts. Noted Jan. 7.

Mich., Detroit — EXCHANGE — Smith, Hinchman & Grylls, archts., 800 Marquette Bldg., taking bids 2 and 3 story and basement, 99 x 205 ft., rein.-con., brick and steel, plain foundation, Ferry Ave., for Michigan Bell Telephone Co., Cass Ave. $150,000.

Ill., Des Plaines—BANK—Apr. 12, by Wolf, Sexton, Harper & Trueax, archts., 7 West Madison St., Chicago, 2 story and basement, 56 x 123½ ft., brick and stone, for Des Plaines State Bank. $250,000.

Neb., Hastings—HOTEL and THEATRE—Apr. 14, by G. L. Fisher, archt., 1437 City Natl. Bank Bldg., Omaha, 3 story and basement, rein.-con., brick and terra cotta, here, for Hastings Theatre & Realty Corp., 804 North 33rd St., Omaha. $150,000. Noted Mar. 25.

Calif., Los Angeles—APARTMENT—A. Le Brun Co., archts., 5401 Hollywood Blvd., taking bids 4 story and basement, 60 x 140 ft., brick, Wilton Pl., for Niemann Investment Co., 5401 Hollywood Bldg.

Calif., Los Angeles — APARTMENT — L. A. Rose, 1274 South Western Ave., taking bids 4 story and basement, 117 x 123 ft., rein.-con., 1057 South Western Ave. $175,000. L. Callahan & Sons, 718 Edwards & Wildy Bldg., archts.

Calif., Los Angeles—APARTMENT—See "Contracts Awarded."

Calif., Los Angeles—STORE and LOFT—Morgan, Walls & Clements, archts., Van Nuys Bldg., taking bids 2 story, 150 x 200 ft., rein.-con., 7th and Washington Sts., for Kalph Grocery Co. $150,000. Noted Feb. 11.

Calif., San Francisco—APARTMENTS—See "Contracts Awarded."

Bids Received

N. J., Trenton — TEMPLE — Masonic Temple Assn., Trenton, brick and steel, West Front and Willow Sts., from J. H. Morris Co., 211 North Montgomery St., $610,111. Noted Mar. 25.

Pa., Phila. — EXHIBITION — Sesquicentennial Exposition 5th and Chestnut Sts., W. F. Kendrick, pres., for Palace of Fine Arts, 1 story, 220 x 500 ft., concrete, stucco

Buildings—Commercial (Continued)

and steel, wood pile foundation, Broad St. near Navy Yard, from Turner Constr. Co., 1713 Sansom St., $240,000.

Miss., Greenville — HOSPITAL — Kings Daughters Hospital, F. Schelban, chn. building com., 4 story, rein.-con., hollow tile, stucco and terra cotta, from Wessel Constr. Co., Memphis, Tenn., $159,000. Noted Mar. 18.

Calif., Alhambra — HOTEL, APARTMENT and STORE — Granada Hotel Co., 5 story and basement, 90 x 171 ft., rein.-con., South Garfield Ave. and 1st St., from R. E. Campbell, 1003 Cove Way, Beverly Hills, $281,500.

Calif., San Francisco—ARMORY—State, general contract new structural steel roof and minor additions, here, from A. L. Vezina, Nevada Bank Bldg., San Francisco, $69,182; structural steel, from Judson Mfg. Co., 604 Mission St., $70,685.

Contracts Awarded

Mass., Boston—HOSPITAL—New England Deaconess Assn., 10 Deaconess Rd., will build 6 story and basement, 80 x 160 ft., brick, granite and stone, plain foundation, Deaconess and Pilgrim Rds., by day labor. $600,000. E. W. Dearing, 19 Deaconess Rd., archt. Noted Nov. 26.

Mass., Brookline (br. Boston)—APARTMENT — J. Birson & W. Berish, 18 Hiawatha Rd., Mattapan, will build 3 story and basement, brick, 1746 Commonwealth Ave., here. $150,000. Work will be done by separate contracts. S. S. Eisenberg, 46 Cornhill St., Boston, archt.

Mass., Brookline (br. Boston) — FIRE HEADQUARTERS—Town, C. F. Rowley, chn. Selectmen, 70 State St., Boston, 1 story and basement, brick and stone, here, to Crane Constr. Co., 80 Boylston St., Boston. Archts. est. to exceed $150,000. Noted Jan. 28.

Mass., Lynn—STORE and OFFICE—Haven & Gordon, 10 City Hall Sq., 2 story and basement, 100 x 132 ft., brick and stone, plain foundation, to E. M. Baxter, 92 Clark St. Archts. est. $150,000. Noted Dec. 24.

Mass., Melrose (Boston P. O.)—BANK—Melrose Savings Bank, 497 Main St., 1 and 2 story and basement, 60 x 70 ft., brick, stone and steel, plain foundation, Main and West Foster Sts., to C. S. Patten, 137 West Emerson St. Archts. est. $150,000. Noted Oct. 15.

R. I., Pawtucket — APARTMENT — Owner, c/o L. E. Danforth, 76 Dorrance St., Providence, will build 3 story, brick and steel, by day labor. $150,000. Private plans.

Conn., Greenwich — APARTMENT — Greenwich Lodge Corp., 6 story and basement, brick and steel, to Mahlstedt Steen, Inc., 32 North Ave., New Rochelle, N. Y. Archts. est. to exceed $150,000.

Conn., Hamden (br. New Haven) — THEATRE, STORE and OFFICE—Fishman Bros., 826 Dixwell Ave., New Haven, 2 story, 76 x 130 ft., brick and steel, Dixwell Ave., to J. Alpert, 136 Sherman Ave., New Haven. Archts. est. $150,000. Noted Jan. 21.

Conn., New Britain—CLUB—Y. M. T. A. & B. Society, G. Kane, pres., W. J. Kerin, chn. building com., 3 story, 90 x 150 ft., Main St., to Hayes Constr. Co., 9 Court St., $160,000.

Conn., New Haven—BUSINESS—H. M. Bullard Furniture Co., 91 Orange St., 5 story, 100 x 185 ft., brick and steel, plain foundation, Orange St., to C. W. Murdock, Inc., 505 Grand St. Archts. est. $400,000. Noted Apr. 1.

Conn., South Norwalk — THEATRE — H. Goodwin, 16 Spring St., Norwalk, 1 story and basement, brick steel and terra cotta, Washington St., to H. Frabrizio, 7 North Ave. Archts. est. $200,000. Noted Jan. 21.

N. Y., Brooklyn—BANK—Flatbush Savings Bank, 910 Flatbush Ave., brick, steel and stone, plain foundation, Flatbush Ave., to W. Kennedy Constr. Co., 215 Montague St. Archts. est. $200,000. Noted Sept. 17.

N. Y., New York — APARTMENT — L. Katz Constr. Co., c/o P. Lubroth, engr. and archt., 303 East Fordham Rd., will build brick, steel and stone, plain foundation, College Pl., by day labor. $300,000.

N. Y., New York—APARTMENT—Simmor Realty Co., c/o C. Kreymborg, engr. and archt., 2534 Marion Ave., will build brick, steel and stone, plain foundation, 189th St. and Washington Ave., by day labor. $175,000.

N. Y., New York—APARTMENT—Clarke Pl. Constr. Co., c/o C. Kreymborg, engr. and archt., will build 6 story, brick, steel and stone, plain foundation Megraw St., by day labor. $200,000.

N. Y., New York—APARTMENT—Six Hundred Eighty-Seven Lexington Ave., Inc., c/o Schwartz & Gross, engrs. and archts., 347 5th Ave., will build brick, steel and stone, plain foundation, Lexington Ave., by day labor. $350,000.

N. Y., New York — APARTMENT — Bansam Realty Co., c/o Moore & Landseidel, engrs. and archts., 148th St. and 3rd Ave., will build brick, steel and stone, plain foundation, Dykman St., by day labor. $175,000.

N. Y., New York—OFFICE—Consolidated Gas Co., 130 East 15 St., 18 story, brick, steel and stone, plain foundation, Irving Pl. and 14th St., to Kenn-Well Contg. Co., 45 East 17th St., New York City. Archts. est. approximately $1,500,000.

N. Y., New York—OFFICE—L. Gold, 270 Madison Ave., will build brick, steel and stone, plain foundation, Madison Ave. $250,000. Work will be done by separate contracts. H. C. Severance, 36 West 44th St., archt. D. M. Oltarsh, 36 West 44th St., engr.

N. Y., New York — OFFICE — Jatison Constr. Co., c/o Schwartz & Gross, engrs. and archts., 347 5th Ave., will build brick, steel and stone, plain foundation, 48 West 37th St., by day labor.

N. J., Elizabeth — MASONIC HOME — Masonic Temple Assn., general contract 3 story, 60 x 122 ft., to Sobrary-Whitcomb Co., 105 West 40th St., New York City, $404,450; heating, to J. H. Nelles, 835 Springfield Ave., Irvington, $52,740.

Pa., Altoona—HOSPITAL—W. F. Beck, secy. Mercy Hospital Assn., 8th Ave. and 26th St., 4 story and basement, 48 x 110 ft., rein.-con. and steel addition, general contract, to Cartensen & McLain, Swank Bldg., Johnstown, $91,700. Noted Feb. 11.

Pa., Homestead—BANK—Monongahela Trust Co., 8th and Ann Sts., general contract 1 and 2 story and basement bank, to Foreman & Putman, Marietta, O. Archts. est. $350,000. Noted Jan. 21.

Pa., Phila. — APARTMENT—Wellington Building Co., c/o P. M. Julian, archt., 823 15th St. N. W., Wash., D. C., 15 story and basement, 35 x 125 ft., rein.-con., brick and steel, plain foundation, 20th and Walnut Sts., to R. P. Whitty, Union Trust Bldg., Wash., D. C. Archts. est. $500,000.

Pa., Phila. — APARTMENT — Linclive Realty Corp., c/o Sugarman, Hess & Berger, archts., 346 Madison Ave., New York City, N. Y., will build 4 story and basement, 106 x 300 ft., rein.-con., brick and steel, plain foundation, Cliveden St. and Lincoln Dr., by day labor. $1,000,000.

Pa., Phila.—APARTMENT—Forty-Third and Locust St. Building Co., c/o P. M. Julian, archt., 823 15th St. N. W., Wash., D. C., 9 story and basement, 47 x 100 ft., 50 x 190 ft., and 47 x 100 ft., rein.-con. brick and steel, plain foundation, 43rd and Locust Sts., to R. P. Whitty Co., Union Trust Bldg., Wash., D. C. Archts. est. $1,700,000.

Pa., Phila. — EXHIBITION — Sesquicentennial Exposition, 5th and Chestnut Sts., W. F. Kendrick, pres., for Palace of Fine Arts, 1 story, 220 x 500 ft., concrete, stucco and steel, wood pile foundation, Broad St. near Navy Yard, to Turner Constr. Co., 1713 Sansom St. $240,000.

Pa., Somerset — STORE — Schell Hardware Co. will build 3 story and basement, 57 x 172 ft., stone, cement and brick, Main St., by day labor. $200,000.

Pa., Wilkes-Barre — HOSPITAL — Mercy Hospital, 2nd Natl. Bldg., 4 story and basement, 33 x 440 ft., and 44 x 48 ft., brick, stone and steel, Hanover St., to H. Mailander, 167 Barney St. Archts. est. $300,000.

Pa., Williamsport—LODGE—B. P. O. E. 173, H. R. Davis, chn., general contract 3 story and basement, 60 x 192 ft., brick and steel, 4th St., to J. Gehron & Co., Williamsport, $200,994; heating, to E. Keeler Co., Williamsport, $29,580.

Md., Catonsville (br. Baltimore)—HOSPITAL—H. P. Hopkins & A. Burton, archts., 347 North Charles St., Baltimore, 4 story and basement, 50 x 115 ft., brick and steel, plain foundation, for Spring Grove State Hospital, here, to J. Hiltz & Son, 345 St. Paul St., Baltimore. Archts. est. $150,000. Noted Mar. 25.

Fla., Miami — OFFICE — Dade Co. Security Co., 1107 Ave. C, concrete and steel on 50 x 146 ft. site Northeast 1st Ave. and 2nd St., to F. T. Ley & Co., Vail Arcade. Archts. est. $800,000.

Miss., Amory—HOTEL—Amory Hotel & Realty Co., 4 story, 100 x 150 ft. hotel, Main St., to Korsmo Constr. Co., Memphis, Tenn. Archts. est. $150,000.

Miss., Greenville — HOSPITAL — Kings Daughters, 2 story, rein.-con. and brick, plain foundation, to Kaucher & Hodges Co., Exch. Bldg., Memphis, Tenn. Archts. est. $253,444.

La., New Orleans—HOTEL—Syndicate, c/o E. L. Aschaffenberg, for Hotel Continental, 12 story, St. Charles St., to J. V. & R. T. Burkes, Carondelet Bldg. Archts. est. $1,000,000. Noted Apr. 1.

O., Zanesville — BANK and OFFICE — First Trust & Saving Bank, W. W. Waterman, pres., remodeling bank and offices, to H. K. Ferguson Co., 4900 Euclid Ave., Cleveland. Archts. est. $150,000.

Ind., Indianapolis — WAREHOUSE — Vonnegut Hardware Co., general contract 6 story and basement, 101 x 195 ft., brick, steel and rein.-con., to Service Constr. Co., Castle Hall Bldg., $207,852. Noted Mar. 4.

Ind., Michigan City — BANK and OFFICE—A. A. Boyd, pres. Merchants Natl. Bank, general contract 2 story and basement, 26 x 141 ft., brick, steel and rein.-con., 6th and Franklin Sts., to Town & Black Constr. Co., Michigan City. Archts. est. $150,000. Noted Jan. 14.

Ind., Seymour — BANK — First Natl. Bank, general contract 2 story and basement, 40 x 132 ft., brick and steel, to H. Vahle, New Palestine. Archts. est. $150,000. Noted Mar. 4.

Ill., Chicago — APARTMENT HOTEL — Guske & Foster, archts., 750 North Michigan Ave., masonry, concrete and carpentry contract 18 story, 100 x 107 ft., rein.-con., brick and stone, 244 Pearson St., to A. Lindstrom, 77 West Washington St., for P. M. Gordon, 3167 Pine Grove Ave. Archts. est. $2,220,000. Noted Mar. 11.

Ill., Chicago — FURNITURE MART — Amer. Furniture Mart, 666 Lake Shore Dr., 21 story, 84 x 218 ft., brick, stone, steel and terra cotta addition, 400-406 East Erie St., to Wells Bros. Constr. Co., 53 West Jackson Blvd. Archts. est. $2,500,000. Noted Jan. 1, 1925.

Ill., Chicago—HOSPITAL—F. D. Chase, Inc., archts., 720 North Michigan Ave., masonry, concrete and carpentry contract 6 story, brick and steel, 33rd St. and Groveland Park, to M. B. Tilley, 844 Rush St., for Chicago Memorial Hospital, J. E. Wilder, pres., 1038 Crosby St. Archts. est. $650,000. Noted Dec. 24.

Ia., Bettendorf—SANITARIUM—Masonic Grand Lodge of Iowa, A. F. & A. M., F. Moses, secy., general contract 3 story and basement, 38 x 165 ft. and 44 x 101 ft., rein.-con. and brick wings, plain foundations, to J. Soller & Son, 618 Brady St., Davenport, $106,302; heating and ventilating, to Wheatland & Co., Cedar Rapids, $28,500. Noted Mar. 18.

Neb., Omaha—HOSPITAL—J. Latenser & Sons, archts., Peters Trust Bldg., general contract 3 story and basement, brick, addition, 42nd St. and Dewey Ave., to R. Butke, 527 Paxton Blk., $194,850; plumbing and heating, to W. M. Scott, 2847 Farnam St., $31,495. Noted Mar. 18.

Neb., Omaha — STORE — G. B. Prinz, archt., 1037 Omaha Natl. Bank Bldg., 6 story and basement, 45 x 132 ft. addition, 1511 Douglas St., to F. P. Gould & Son, 1137 City Natl. Bank Bldg., for T. Kilpatrick Co., 1511 Douglas St. Archts. est. $300,000. Noted Feb. 11.

Mo., St. Louis—OFFICE—See "Unclassified."

Wash., Olympia—BANK—A. H. Albertson, archt., Henry Bldg., Seattle, 5 story and basement, 60 x 120 ft., rein.-con., and terra cotta, 4th and Washington Sts., here, to Reid Bros., Montesano, for Security Bank. $175,000.

Calif., Burbank — STUDIO — First Natl. Pictures, Inc., 918 South Olive St., Los Angeles, forty 1 story motion picture buildings, Olive and Pass Aves., to Austin Co. of California, 777 East Washington St. Archts. est. to exceed $500,000. Noted Mar. 4.

Calif., Crescent City — HOTEL — O. B. Lauff, 4 story, rein.-con. hotel, to C. S. Mabrey Co., Ochsner Bldg., Sacramento. $150,000.

Calif., Los Angeles—APARTMENT—R. J. Dembroff, 4 story, 72 x 201 ft., brick and rein.-con., 2017 Argyle Ave., to S. F. Bard & Co., 566 Chamber of Commerce Bldg., $225,000.

Calif., Los Angeles—APARTMENT—M. P. Raab, 4 story and basement, 135 x 185 ft., concrete, Yucca St., to Bard & Co., Chamber of Commerce Bldg., approximately $350,000.

Calif., Los Angeles—APARTMENT—L. A. Rose, 1274 South Western Ave., will build 4 story, 120 x 125 ft., concrete, South Western Ave., by day labor.

Buildings—Commercial (Continued)

Calif., Los Angeles — APARTMENT — T. H. Walker, 5921 Hollywood Blvd., 4 story and basement, 88 x 140 ft., concrete, Sunset Blvd., to Whiting, Boynton & Potts, Central Bldg., $165,000.

Calif., Los Angeles—CLUB—Concordia Athletic Club, 5 story and basement, 100 x 175 ft., concrete, South Westlake Ave., to Bard & Co., Union Oil Bldg. Archts. est. $175,000.

Calif., Los Angeles—GARAGE—Los Angeles Water & Power Comn., 207 South Bway., will build 5 story, 61 x 150 ft., steel and rein.-con. addition, 220 South Hill St., by day labor. $200,000. L. L. Smith, 833 South Spring St., archt.

Calif., Los Angeles—THEATRE, STORE and OFFICE — W. H. Fisher, Union Oil Bldg., 2 story and basement, rein.-con., brick and steel, Sycamore and Wilshire Blvds., to A. Parkinson, 3977 South Vermont Ave., $200,000. Noted Apr. 1.

Calif., Los Angeles — WAREHOUSE — Prudential Storage Co., 1617 South Vermont Ave., 5 story, 50 x 120 ft., rein.-con., South Vermont Ave., to J. M. Cooper, Rives-Strong Bldg.

Calif., Oakland — HOTEL — Leamington Annex (J. W. Leamington), Ray Bldg., 10 story and basement, concrete annex, Franklin St. near 19th St., to A. Johnson, 74 New Montgomery St., San Francisco, $350,000.

Calif., Sacramento — BANK — California Natl. Bank, 4 story, concrete and steel, 7th and J Sts., to G. D. Hudnutt, 1915 South Sacramento St., approximately $154,000. Noted Oct. 22.

Calif., San Francisco—APARTMENT—L. Johnson, 729 Occidental Ave., San Mateo, will build 6 story and basement, concrete, Hyde and Ellis Sts., by day labor. $150,000.

Calif., San Francisco—APARTMENTS—E. Jose, 251 Kearny St., will build four 3 story and basement apartments, Fell St. near Stanyan St., by day labor. $40,000 each. H. C. Baumann, 251 Kearny St., archt.

Calif., San Francisco—APARTMENT—E. V. Lacey, Humboldt Bank Bldg., will build 4 story and basement, rein.-con., Gough and Ivy Aves., by day labor. $160,000. J. C. Hladik, Monadnock Bldg., archt.

Calif., San Francisco — THEATRE and STORE — A. Levin, et al., c/o Reid Bros., archts., 105 Montgomery St., 100 x 162 ft. Class A, 24th and York Sts., to MacDonald & Kahn, 130 Montgomery St., $175,500.

Ont., Toronto—OFFICE—Federal Building Corp., 85 Richmond St. W., 11 story and basement, 75 x 80 ft., rein.-con. and brick, plain foundation, Bay and Albert Sts., to Yolles & Rotenberg, Ltd., 85 Richmond St. W. Archts. est. $500,000. Noted Mar. 4.

T. H., Honolulu — J. Morgan, archt., Merchants Exch. Bldg., San Francisco, Calif., 3 story and basement, rein.-con., with swimming pool, here, for Y. W. C. A., to Young Eng. Co., Honolulu, $325,000. Noted Jan. 21.

Buildings—Industrial

Proposed Work

Mass., Brookfield — FACTORY — McLauren-Jones Co. having plans prepared by S. H. Pitcher Co., engrs. and archts., 44 Front St., Worcester, 2 story and basement, 65 x 85 ft. addition. To exceed $40,000.

Mass., Lynn—FACTORIES—T. A. Kelly & Co., 6443 Summer St., plans rebuilding 2 factories, recently destroyed by fire. To exceed $40,000. Engineer and architect not selected.

Mass., Westfield — FACTORY — Foster Machine Co. had plans prepared by M. B. Harding, Main St., 3 story, 80 x 235 ft., rein.-con. and brick addition, South Broad St. $200,000.

R. I., Bristol—FACTORY—Ford Motor Co., Highland Park, Detroit, Mich., purchased 130 acre site and plans 1 story timber factory, on shore of Narraganset Bay, here. To exceed $150,000. Private plans.

Conn., Windsor Locks—POWER PLANT—Northern Conn. Power Co., c/o J. G. White Eng. Corp., engrs. and archts., 43 Exchange St., New York, having preliminary plans prepared power plant. $200,000.

N. Y., Brooklyn—PRINTING PLANT—New York Daily News, 25 Park Pl., New York City, having plans prepared by Lockwood, Greene & Co., Inc., engrs. and archts., 1 Pershing Sq., New York City, 110 x 290 ft., brick, steel and stone, plain foundation, Carlton and 6th Aves., here. $750,000.

N. Y., Lockport—BASKET FACTORY—Barden & Robson Corp., Pen Yan, plans basket factory, Van Buren St., here. $100,000.

N. Y., Rochester—ICE CREAM PLANT—McCormick Co., archts., 127 South Negley St., Phila., Pa., soon takes bids brick, plain foundation, White St., here, for Rochester Ice Cream Co. $100,000.

N. Y., Rochester — INDUSTRIAL — Stromberg Carlson, University Ave., having plans prepared by J. F. Warner, Granite Bldg., two 1 story and basement, 160 x 460 ft., rein.-con., Blossom Rd. $300,000 each. S. Firestone, 59 South Ave., engr.

N. Y., White Plains—SERVICE and REPAIR GARAGE — International Motor Truck Co., 25 Bway., New York City, soon takes bids rein.-con., brick and stone, plain foundation, Kensico Ave., here. $200,000. E. E. Seelye, 101 Park Ave., New York City, engr. and archt.

Pa., Ellwood City—FREIGHT STATION Pittsburgh & Lake Erie R.R. Co., Pittsburgh & Lake Erie Terminal Bldg., Pittsburgh, A. R. Raymer, ch. engr., plans 1 and 2 story, brick and steel freight station, here. $150,000.

Pa., Pittsburgh — CANDY FACTORY — D. L. Clark Co., Martindale St. N. S., having plans prepared 3 story and basement, brick and steel addition, Corry St. $50,000. P. Dietz, Lyceum Bldg., engr.

Va., Richmond—POWER PLANT, etc.—Roanoke River Power Co. plans power plant on Roanoke River at Buggs Island.

N. C., Burlington — GAS PLANT — Pub. Serv. Co., plans gas plant, mains, etc.

N. C., Hallsboro—LUMBER PLANT—North Carolina Lumber Co. plans rebuilding large plant, recently destroyed by fire. $100,000.

N. C., Roseboro—COTTON MILL, etc.—Roseboro Mills, Inc., had plans prepared and soon lets contract 5,000 spindle mill and warehouse. R. C. Biberstein, Charlotte, engr.

Fla., Fort Myers—GAS PLANT—Voted $140,000 bonds, additions and extensions to gas plant. O. M. Davison, mayor. Noted Mar. 18.

Ala., Bessemer—PATTERN SHOP and STORAGE—U. S. Cast Iron Pipe & Fdry. Co., G. Jones, mgr., plans rein.-con., brick and steel shop. $100,000. Private plans.

Ala., Birmingham — PLANT — McWane Cast Iron Pipe Co., 27th Ave. N., soon lets contract 40 x 220 ft. steel addition. $100,000.

Tennessee — POWER PLANTS — See "Unclassified."

Tenn., Cookeville — FACTORY — Cookeville Shoe Co. having preliminary plans prepared 3 story, 80 x 200 ft., brick, plain foundation, Cedar St. $200,000. Engineer and architect not announced.

Tenn., Knoxville—LUMBER PLANT, etc. — Rose Lumber Co. plans power plant, warehouse, additions, etc. $250,000.

Tenn., Lewisburg — HYDRO-ELECTRIC PLANT — Southern Cities Power Co., Columbia, purchased site and plans 2,000 kw. hydro-electric plant 12 mi. north of here. $100,000. Engineer and architect not announced.

O., Alliance—FACTORY—Transue Williams Corp., West Ely St., plans 1 story, 80 x 240 ft. factory. $75,000.

Mich., Grand Rapids—FACTORY—Amer. Seating Co., 901 Bway., plans 4 story and two 1 story, rein.-con., brick and steel buildings, plain foundation. Smith, Hinchman & Grylls, 800 Marquette Bldg., Detroit, archts.

Ill., Decatur—POWER PLANT—A. E. Staley Mfg. Co. plans 2 story and basement, rein.-con., brick and steel, plain foundation, Staley Grounds. $500,000. Private plans.

Ind., Summitville — WAREHOUSE — Summitville Canning Co., having plans prepared 1 story, brick and steel warehouse. $40,000. Private plans.

Wis., Milwaukee — FOUNDRY — Loeffelholz Co., 170 Clinton St., had plans prepared by H. C. Haeuser, 445 Milwaukee St., 1 story, 52 x 140 ft., brick and steel addition, plain foundation, Oregon St. $40,000.

Mo., Pacific—BRICK PLANT, etc.—Missouri Hardstone Brick & Tile Co., c/o World Utilities Corp., Inc., 706 Laclede Gas Light Bldg., St. Louis, having plans prepared by F. O. Taxis, Chemical Bldg., St. Louis, 1 story, 41 x 70 ft. and 70 x 95 ft., also 4 story, 61 x 95 ft., rein.-con., brick and tile administration and brick plant, here. $100,000.

Ark., El Dorado—ICE PLANT—Terry Dairy Co., 18th and Scott Sts., Little Rock, made plans 1 story, 40 x 100 ft., 25 ton daily capacity, concrete and brick, Rock Island R.R. tracks, here. $40,000. Private plans.

Tex., Brady—BRICK PLANT—Stock Co., c/o J. D. McKee, 230 Argyle Ave., San Antonio, plans brick plant. $50,000. Engineer and architect selected soon.

Tex., Gonzales — ICE PLANT — Texas Central Power Co., c/o Frost Bldg., San Antonio, plans 1 story, 40 ton capacity, brick, concrete and steel plant. $135,000. J. Marriott, Frost Bldg., San Antonio, engr.

Tex., Houston—WAREHOUSE—Missouri Kansas & Texas R.R. Co., Ringer, ch. engr., St. Louis, Mo., having plans prepared by L. A. Sparks, Ry. Exch. Bldg., St. Louis, Mo., 6 story, 191 x 280 ft., rein.-con., brick, steel and tile warehouse with one story 53 x 220 ft. wing, North Main and Shea Sts., here. $1,000,000.

Tex., Kingsville—PLANT—San Antonio Cotton Mills, plans plant addition. $50,000. Private plans.

Tex., Panhandle—ICE PLANT—Holcroft & Simpson, Wynona, Okla., plans 1 and 2 story, 200 ton capacity, concrete and steel plant. $200,000. Private plans.

Tex., Raymondville—GIN PLANT—Willacy Gin Co., had plans prepared 6 stand 80 saw capacity gin plant. $40,000. Private plans.

Tex., Sinton — PLANT — Texas Central Power Co., Frost Bldg., San Antonio, plans concrete, brick and steel, 30 ton capacity ice plant. $60,000. Private plans.

Okla., Bartlesville — COTTON COMPRESS — Sharp & Hatcher Co., Muskogee, plans cotton compress, here. $60,000.

Okla., Muskogee—PLANT—Pure Oil Co., Cherokee St., here, and Chestnut and High Sts., Columbus, O., plans enlarging plant, from 2,000 to 5,000 bbl. capacity, two 2,000 bbl. cross-cracking plants, one 5,000 bbl. tube still, two 600 bbl. stills, erecting two 55,000 bbl. capacity steel storage tanks, 12 machine sharp processes to make tube cold test cylinder stock, and additions to smaller storage tanks. $600,000. Private plans.

Calif., Fresno — MORTAR MIXING PLANT—Fresno Builders Supply Co., 2150 G St., had plans prepared 2 story, 50 x 100 ft., rein.-con., Tehama and Divisadero Sts. $40,000. Private plans.

Calif., Los Angeles—FACTORY—White Motor Truck Co., 842 East 79th St., Cleveland, O., purchased site and having tentative plans prepared factory, Washington St. and Maple Ave., here.

Calif., Marysville—GAS PLANT—Pacific Gas & Electric Co., 245 Market St., San Francisco, plans gas generating plant, here. $500,000.

Calif., Oakland — PAINT FACTORY — Pacific Paint & Varnish Co., 85 2nd St., San Francisco, plans rein.-con., 4th and Cedar Sts. $40,000 or more.

Calif., Richmond—FACTORY—Standard Sanitary Mfg. Co., 1000 Brannan St., San Francisco, having plans prepared by J. J. Donovan, Tapscott Bldg., Oakland, 2 story, 135 x 250 ft., rein.-con. factory. $250,000. Noted Mar. 18.

Calif., Sacramento — GARAGE, etc. — Jacobs Motor Co., 16th and K Sts., plans 2 or 3 story, fireproof garage, auto sales rooms and service shops, 13th and J Sts. $60,000.

Calif., San Francisco — GARAGE and SERVICE SHOPS—Mercantile Trust Co., 464 California St., having plans prepared 4 story, rein.-con., Clay St. near Kearny St. To exceed $75,000. C. H. Snyder, 251 Kearny St., engr.

Calif., San Francisco — FACTORY — Couchot & Rosenwald, engrs., 60 Sansome St., soon take bids 2 story and basement, rein.-con., Pacific St. near Battery St., for Traung Label & Lithograph Co., 962 Battery St. $160,000.

Calif., Wilson (mail Tudor)—SUB-STATION—Great Western Power Co. of California, 530 Bush St., San Francisco, had plans prepared by Ashley & Evers, 58 Sutter St., 2 story, rein.-con., here, near Tuttle Sta. $100,000.

N. S., Halifax — COLD STORAGE PLANT — J. W. Norcross, 65 Victoria St., Montreal, Que., soon takes bids cold storage plant, here. $2,000,000.

Que., Cap-de-la-Madeleine—FACTORY—St. Maurice Valley Corp., plans 4 story building containing steel digester. $100,000. S. W. Slater, Cap-de-la-Madeleine, engr.

Ont., Port Arthur—MILL—Thunder Bay Paper Co. plans 60 ton per day sulphide plant, supplementary to 400 ton paper mill, which company also proposes building.

Buildings—Industrial (Continued)

Ont., Tillsonburg—FACTORY—International Cooperage Co., Sugar St., Niagara Falls, N. Y., plans branch factory, here. $50,000.

Bids Desired

Mass., Cambridge (Boston P. O.) — FACTORY — Natl. Co., W. A. Ready, pres., 110 Brookline St., taking bids 2 story, 45 x 95 ft., brick addition. $40,000. Private plans.

Mass., East Walpole—STORAGE—Apr. 8, by Bird & Son, Inc., 3 story and basement, 75 x 260 ft., brick storage building. $150,000. Monks & Johnson, 99 Chauncy St., Boston, archts.

Mass., Everett—REPAIR and SERVICE GARAGE—See "Contracts Awarded."

Mass., Everett (Boston P. O.)—REPAIR GARAGE—See "Contracts Awarded."

Mass., Somerville — FACTORY — E. F. Kemp, Skelton Ave., taking bids 2 and 3 story, timber addition. $40,000. W. Sidebottom, 101 Tremont St., Boston, archt.

Mass., Somerville—REPAIR and SERVICE GARAGE — Winter Hill Realty Co., Inc., 383 Bway., taking bids 2 story, 11,000 sq.ft. floor space, rein.-con. and brick, plain foundation, Bond St. $100,000. S. H. Watkins, 164 Federal St., Boston, archt.

Mass., Quincy (Boston P. O.) — MANUFACTURING—See "Contracts Awarded."

Conn., New Haven—ROUND HOUSE—See "Contracts Awarded."

N. Y., New York — SERVICE and REPAIR GARAGE—See "Contracts Awarded."

Pa., Sharpsville — INGOT MOULD PLANT—See "Contracts Awarded."

Ala. Gadsden—TEXTILE—Secretary Sauquoit Spinning Co. of Alabama soon lets contract 2 story, 104 x 400 ft. with 50 x 80 ft. wing, also one 40 x 80 ft. building, and three 50 x 100 ft. warehouses. $500,000. Private plans.

O., Cleveland—FACTORY—Bohnard & Parsson, archts., 1900 Euclid Bldg., taking bids 2 story and basement, 52 x 165 ft., rein.-con., brick and steel, 14025 Aspinwall Ave., for Lindsay Wire Weaving Co., H. L. Lindsay, pres., 14025 Aspinwall Ave. $75,000.

Ill., Chicago — FACTORY — Marshall & Fox, archts., 431 North Michigan Ave., taking bids 6 story and basement, 66 x 196 ft., rein.-con., and brick addition, West 21st St. and Union Ave., for S. Karpen & Bros., West 21st St. and Union Ave. $300,000.

Wis., Gap Mills — POWER PLANT — Interstate Power Co., c/o A. Ortin, mgr., Dubuque, Ia., taking bids 1 story, 75 x 90 ft., rein.-con., brick and steel hydro-electric power plant on Kickapoo River. $60,000. Private plans.

Wis., Milwaukee — LIGHT MANUFACTURING—W. J. Kozick, archt., 664 26th St., taking bids 3 story and basement, 32 x 100 ft., brick and concrete, plain foundation, Bway., for Ruesch Printing Mchy. Co., 485 Bway. $50,000.

Wis., Milwaukee—FACTORY—Dick & Bauer, archts., 811 State St., taking bids 2 story and basement, 52 x 150 ft., brick and concrete addition, plain foundation, for Adcraft Realty Co., 337 7th St. $50,000.

Calif., Los Angeles—SUB-STATION—See "Contracts Awarded."

Que., Three Rivers—MILL—St. Lawrence Paper Co., Ltd., taking bids paper mill. $2,000,000. O. H. White, Three Rivers, and Montreal, archt.

Contracts Awarded

Mass., Boston—MACHINE SHOP—D. R. Campbell Machine Co., 52 Purchase St., 1 story, 40 x 110 ft., brick, Mildred Ave., to C. C. Temple Co., 99 Chauncy St. Archts. est. $40,000.

Mass., Boston—REPAIR and SERVICE GARAGE — W. Saitz, 18 Harold St., Dorchester, 1 story, 75 x 180 ft., rein.-con. and brick, 1048 Harrison Ave., here, to Hub Constr. Co., 333 Washington St. Archts. est. $50,000.

Mass., Cambridge (Boston P. O.) — POWER PLANT — Cambridge Electric Light Co., altering 1 story, rein.-con., brick power plant, to H. R. Kent & Co., 5 Erie Ave., Rutherford, N. J.

Mass., Everett—REPAIR and SERVICE GARAGE—P. Levine, 29 Creston St., Roxbury, will build 1 story, 150 x 375 ft., brick and steel, Ferry St. near Glendale Sq., here, by day labor. $175,000. Miller & Levi, 46 Cornhill, Boston, archts.

Mass., Everett (Boston P. O.)—REPAIR GARAGE—R. & B. Fuel Co., 108 Bow St., will build 1 story, 70 x 80 ft. garage. $40,000. Work will be done by separate contracts. Schein & Levine, 448 Bway., Chelsea, archts.

Mass., Medford—REPAIR—J. J. Mahoney, 10 Fountain St., 1 story, 21 x 88 x 114 ft., rein.-con., plain foundation, to Frankini Bros., 30 Mystic Ave. Archts. est. $50,000.

Mass., Quincy (Boston P. O.) — MANUFACTURING — Norfolk Iron Co., 33 Newport Ave., will build 1 story 70 x 150 ft., brick and steel, Norfolk Downs. $40,000. Work will be done by separate contracts. Private plans.

Mass., Roxbury (Boston P. O.)—PLANT —F. E. Gordon, 420 Talbot Ave., Dorchester, 1 story, 60 x 90 ft. and ell, rein.-con. and brick, Sedrick and Langdon Sts., to J. McDonald Constr. Co., 77 Summer St., Boston. Archts. est. $40,000.

Mass., Somerville (Boston P. O.)—REPAIR and SERVICE GARAGE — A. S. Schatman, Old South Bldg., Boston, 1 story, rein.-con., brick and stone, here, to Frankini Bros., 30 Mystic Ave., Medford. Archts. est. $60,000.

Mass., Worcester—PLANT—Amer. Steel & Wire Co., Grove St., new mills, replacing old structures, to Morgan Constr. Co., 15 Belmont St. Archts. est. $1,000,000.

R. I., Providence — PAINT PLANT — U. S. Gutta Percha Paint Co., 12 Dudley St., brick and steel addition, Dudley St., to A. W. Merchant, Inc., 728 Hospital Trust Bldg. Archts. est. $40,000.

Conn., New Haven — WAREHOUSE — Standard Oil Co., 138 Forbes Ave., 1 story, 60 x 80 ft. and 52 x 122 ft., brick and concrete, to Immick Co., State St., Meriden. Archts. est. $50,000.

Conn., New Haven—ROUND HOUSE—New York, New Haven & Hartford R.R., E. Gagel, ch. engr., will build 1 story, 255 x 300 ft., brick and steel, Cedar Hill. $50,000. Work will be done by separate contracts. Private plans.

N. Y., Brooklyn — REFINERY and WAREHOUSE—Amer. Sugar Refining Co., 117 Wall St., New York City, warehouse, syrup station, boiler house, wharf, etc., here, to Stone & Webster, 127 Milk St., Boston, Mass. Noted Jan. 7.

N. Y., New York—RADIO PLANT—Ballinger Co., archts., 12th and Chestnut Sts., Phila., Pa., 4 story, 80 x 89 x 100 x 140 x 158 x 225 ft. and 89 x 140 ft., Eastern Blvd., Walton and Mott Aves., here, to White Contg. Co., 95 Madison Ave., for Andrea Healding Corp., Walton and Mott Aves. Noted Jan. 28.

N. Y., New York — SERVICE and REPAIR GARAGE—J. DeHart, 1041 Fox St., will build rein.-con., brick and steel, plain foundation, Cromwell Ave. $75,000. Work will be done by separate contracts.

N. Y., Portland Point—MACHINE SHOP and PACK HOUSE—Pennsylvania Cement Co., 131 East 46th St., New York City, rein.-con., brick and steel, plain foundation, to Turner Constr. Co., 244 Madison Ave., New York City. Archts. est. $300,000.

N. J., Bloomfield—FACTORY—Amer. La France Fire Engine Co., 67 Brookside Pl., 1 story, rein.-con., brick and steel, plain foundation, to W. Kidde & Co., 140 Cedar St., New York City. Archts. est. $50,000.

N. J., Harrison — CAR SHOP — Otis Elevator Co., Inc., 17 East 42nd St., New York City, 1 story, 80 x 100 ft., rein.-con., brick and steel, plain foundation, here, to J. Stewart & Co., Inc., 17 East 42nd St., New York City.

Pa., Phila. — BOX FACTORY — E. J. Schoetle Co., 533 North 11th St., 9 story and basement, 50 x 101 ft., concrete and brick, plain foundation, 11th and Brandywine Sts., to Nelson Pedley Co., Corn Exch. Bldg.

Pa., Phila. — MANUFACTURING — Certainteed Products Co., 2nd and Erie Sts., two 1 story, 71 x 144 ft., and 50 x 105 ft., also 3 story, 50 x 210 ft., rein.-con. and brick additions, plain foundations, 2nd and Erie Sts., to Stofflet & Tillotson, Wesley Bldg., $200,000.

Pa., Scottdale — FORGE and BLACKSMITH SHOP — U. S. Cast Iron Pipe & Fdry. Co., 71 Bway., New York City, N. Y., 1 story, rein.-con., brick and steel forge and blacksmith shop, to Austin Co., 217 Bway., New York City, N. Y.

Pa., Sharpsville — INGOT MOULD PLANT — Shenango Furnaces Co., will build 1 story, 120 x 216 ft., and 210 x 584 ft., steel and corrugated iron, 6th and High Sts. Work will be done by separate contracts. Private plans.

N. C., Greensboro—MILLWORK WAREHOUSE—Morgan Millwork Co., 2 story, 200 ft. long, brick, Scott Ave., to J. R. Owen, Greensboro. Engrs. est. $100,000.

Fla., Tampa — FACTORY — R. Heilman, Inc., 606 Northern Blvd., Long Island City, N. Y., 2 story, 86 x 150 ft., 22nd Ave. and 26th St., here, to Friend & Bouniet, 305 Cass St., Tampa. Archts. est. $250,000.

La., Lake Charles—RICE MILL—Lake Charles Milling Co. of Louisiana, J. A. Foster, pres., 5 story, 47 x 77 ft. mill, 100 x 400 ft. warehouse, 2 story, 32 x 60 ft. office building, etc., to P. Olivier & Son, Lake Charles. Archts. est. $500,000.

La., New Orleans — GARAGE and WAGON WORKS—M. H. Goldstein, archt., Hibernia Bank Bldg., 5 story, rein.-con., Gravier St. between Saratoga and Rampart Sts., to L. F. Favret, Louisiana Bldg., for Thomson Bros. $86,998. Noted Mar. 11.

Ohio—ELECTRIC CONTROL STATIONS—Cleveland Electric Illuminating Co., W. H. Hartman, purch. agt., Illuminating Bldg., Cleveland, three 1 story and basement, 36 x 58 ft., brick and concrete, one on Front St., Beres one on Pleasant Valley Rd., Brecksville, and other on Hillside and Center Ridge Rds., Cleveland, to D. Gilchrist, Berea. Archts. est. $100,000.

O., Akron—FACTORY—A. Schrader & Sons, Inc., 705 Johnson St., 5 story and basement, 52 x 200 ft., brick and steel, to Turner Constr. Co., 11 Goodell St., Buffalo, N. Y., $300,000.

O., Akron — BAKERY — Purity Bakeries Corp., 118 West 47th St., Kansas City, Mo., 2 story, brick and concrete addition, to Fogel Constr. Co., 619 Reliance Bldg., Kansas City, Mo. Archts. est. $75,000.

O., Cincinnati—GALVANIZING PLANT —Witt Cornice Co., 2118 Winchell St., 1 story, 100 x 300 ft., steel, to Austin Co., 16112 Euclid Ave., Cleveland.

O., Cleveland — FACTORY — Empire Phone Parts Co., c/o W. J. McNamara, 2261 East 14th St., 2 story and basement, 61 x 110 ft., brick and timber, 10316 Madison Ave., to T. P. Carey, 10500 Lake Ave. Archts. est. $50,000.

O., Gallipolis — POWER HOUSE — Dept. Welfare, 9th and Oak Sts., Columbus, 2 story and basement, 51 x 105 ft., brick addition at Institution for Epileptics, to R. B. Childs, Findlay, $37,000. Noted Feb. 4.

Ind., Indianapolis — FACTORY — T. L. Green & Co., 202 Miley Ave., general contract 2 story, 82 x 90 ft., brick and rein.-con., to E. H. Pierson, 2934 Kenwood Ave. Archts. est. $40,000.

Ind., Indianapolis — BAKERY — Purity Bakeries Corp., 118 West 47th St., Kansas City, Mo., 2 story and basement, 60 x 80 ft., rein.-con. addition, to Fogel Constr. Co., 619 Reliance Bldg., Kansas City, Mo. Archts. est. $40,000.

Ind., South Bend—FACTORY—Hibberd Printing Co., 116 Hibberd Court, general contract 2 story and basement, 81 x 165 ft., brick and steel factory, to H. G. Christman Co., 306 South Notre Dame St. Archts. est. $150,000.

Mich., Detroit — HEATING PLANT — Dept. Pub. Wks., City Hall, general contract 2 story and basement, 50 x 99 ft., rein.-con., brick and steel, plain foundation, Mullet and St. Antoine Sts., to Martin & Krausman Co., 955 Jefferson Ave., $81,000; boilers, etc., to Drake Avery, 210 State St., $210,150. Noted Feb. 25.

Ill., Chicago—NEWSPAPER PLANT—Chicago Tribune, 431 North Michigan Ave., substructure contract of north addition Tribune Tower, consisting 3 basements and press room floor, 118 x 132 ft., rein.-con. and steel, caisson foundation, etc., to R. C. Wieboldt, 1534 West Van Buren St. Archts. est. to exceed $1,000,000.

Ill., Chicago—FACTORY—S. C. Joy, archt., 2001 West Pershing Rd., masonry contract 6 story, 50 x 180 ft., rein.-con. and brick addition, 2164 Claybourn Ave., to A. Nenson, 1100 North Central Park Blvd., carpentry, to F. E. Doherty, Jr., Chamber Commerce Bldg., for Zangerle & Peterson, 2164 Claybourn Ave. Archts. est. $145,000. Noted Jan. 14.

Ill., Evanston — MACHINE SHOP and POWER PLANT — Natl. Biscuit Co., West 15th St., New York City, 3 story, rein.-con., brick, steel, stone, brick and terra cotta, here, to R. C. Wieboldt 1534 West Van Buren St., Chicago. Archts. est. $300,000.

Wis., Milwaukee—BAKERY—O. Jaeger Baking Co., 914 Central Ave., 2 story, 100 x 150 ft., rein.-con., brick and steel addition, plain foundation, to Reisinger & Co., 464 Oakland Ave. Archts. est. $150,000.

Wis., West Allis—MACHINE SHOP—Fulton Co., 732 75th Ave., 1 story, 60 x 180 ft., brick and steel addition, plain foundation, 75th Ave., to Pfeifer Constr. Co., 486 66th Ave. Archts. est. $40,000.

Mo., St. Louis—SASH and DOOR PLANT —Huttig Sash & Door Co., 1208 South

Buildings—Industrial (Continued)

Vandeventer Ave., 4 story and basement, 31 x 117 ft., brick and concrete addition, to Seldon Breck Constr. Co., 1108 Fullerton Bldg. Archts. est. $100,000.

Tex., Amarillo — PRODUCE — A. J. Thompson Produce Co., c/o H. Bartlett, mgr., 1 story and basement, 50 x 130 ft., brick and concrete, Grant St., to F. Bone Constr. Co., Amarillo, $40,000.

Calif., Los Angeles — CREAMERY — Adamson Corp., Trust and Savings Bldg., 3 story, 50 x 110 ft., rein.-con., Severy St., to May & Grimwood, Haas Bldg., cost plus percentage basis.

Calif., Los Angeles—SUB-STATION—Los Angeles Gas & Electric Co., 810 South Flower St., will build 2 story, 50 x 120 ft., rein.-con., 717 Jackson St., by day labor. $45,000. Private plans.

Calif., Oakland — FACTORY — Tuttle Cheese Co., 701 7th St., 1 story, brick, Magnolia and 28th Sts., to E. W. Larmer, 90 Fairview Ave. $40,000.

Calif., Sacramento — PLANT — Pioneer Bakery, 3226 Montgomery St., baking plant annex, to H. W. Robertson, 2633 6th Ave., $40,000.

Calif., San Jose—CANNERY—California Packing Corp., 101 California St., San Francisco, 2 story, 200 x 225 ft., brick and timber, at Plant 51, to R. W. Littlefield, 354 Hobart St., Oakland.

Calif., Sunnyvale—PLANT—Schuckel & Co., 16 California St., San Francisco, frame and galvanized iron canning plant addition, to Bridges & Munton, San Jose, $42,000.

Calif., Watsonville—CREAMERY—W. H. Weeks, archt., 369 Pine St., San Francisco, 2 story, rein.-con. creamery, Main St., here, to A. L. Short, Watsonville, for Watsonville Creamery. Approximately, $42,000. Noted Mar. 18.

Man., Winnipeg—PRINTING PLANT—T. Eaton Co., Ltd., 190 Yonge St., Toronto, general contract 2 story and basement, 132 x 163 ft., rein.-con. and brick, plain foundation, Robert St., here, to J. Gunn & Sons, Ltd., Avenue Bldg. Archts. est. approximately $190,000. Noted Feb. 25.

Buildings—Educational, Religious

Proposed Work

Vt., Rockingham — HIGH SCHOOL — Town, Bd. Selectmen, soon take bids 2 story and basement high school. $240,000. Tooker & Marsh, 101 Park Ave., New York, archts.

Mass., East Boston (Boston P. O.)—SCHOOL—Our Lady of Mt. Carmel, A. Martenucci, pastor, 124 Gove St., having sketches made by W. B. Colleary, 80 Boylston St., Boston, 2 story and basement, brick, Gove St. $200,000.

Mass., Natick—HIGH SCHOOL—Town plans Junior High School, 25 room, Coolidge Lot. $300,000 appropriated. Engineer and architect not selected.

Mass., Peabody—SCHOOL—Mayors Office, City Hall, having sketches made by P. Varney, 25 Exchange St., Lynn, 2 story and basement, brick and steel school. $150,000 or more.

Conn., Branford — HIGH SCHOOL — Town, School Bd., Town Hall, plans new high school. $150,000 or more. Engineer and architect not selected.

Conn., Hartford—SYNAGOGUE—Agudud Achim Congregation, D. Traub, chn. building com., having plans prepared by Golden Storrs & Co., 983 Main St., 3 story, stone, Oakland Terrace. $200,000.

Conn., New Haven — FRATERNAL — Yale Architectural Plan Com. Yale University, plans 3 building, one for Zeta Psi, one for Beta Theta Pi and other for Psi Upsilon, York St. $350,000. Dean Everett Meeks, Yale Art School, archt. for former, and James Gamble Rogers, 368 Lexington Ave., New York City, archts. for latter 2 buildings.

Conn., West Haven (New Haven P. O.)—HOME—Methodist Home for Aged, 111 Elm St., having preliminary plans prepared by R. W. Foote, 185 Church St., New Haven, 2 story and basement, 135 x 135 ft., brick and steel, Elm St. and 2nd Ave. $200,000.

N. Y., Astoria (sta. Long Island City)—CHURCH—Trinity Lutheran Church of Astoria, 346 8th Ave., F. H. Lindeman, pastor, soon takes bids brick, steel and stone, plain foundation. $200,000. G. W. Conable, 46 West 24th St., New York City, engr. and archt. Noted Feb. 4.

N. Y., Buffalo—CHURCH, SCHOOL, etc.—St. Martins Roman Catholic Church, Abbott Rd., W. Turner, bishop, Delaware Ave. and West Utica St., plans church, school and convent, Abbott Rd. $200,000.

N. Y., Kenmore—CHURCH, etc.—Kenmore Evangelical Church, plans church, parish house and parsonage, Delaware Rd. $150,000.

N. Y., Little Falls—HIGH SCHOOL—Bd. Educ. having plans prepared by Tooker & Marsh, engrs. and archts., 101 Park Ave., New York City, brick, steel and stone, plain foundation, here. $250,000. This corrects report under Niagara Falls in Mar. 11 issue.

Pa., Pittsburgh—AUDITORIUM—Catholic Diocese of Pittsburgh, Craig St. and 5th Ave., having plans prepared by E. J. Weber, Knights of Columbus Bldg., and A. F. Link, associated archt., 407 North Craig St., 1 story, 56 x 125 ft., brick and steel, 5th Ave. and Boundary St. $150,000.

Pa., Pittsburgh — DORMITORY — St. Pauls Orphanage, Idlewood St., having plans prepared by E. Stotz, Monon Bank Bldg., 3 story and basement, 62 x 150 ft., brick and hollow tile, Idlewood St. $150,000.

Pa., Sharon—SCHOOL—Bd. Educ. having plans prepared by Hanna & Clapper, Sharon, 2 story and basement, 65 x 161 ft., brick on hollow tile school. $200,000.

Md., Baltimore—ART MUSEUM—Mayor and City Council plan irregular shaped, stone, plain foundation, Wyman Park. $1,000,000. H. Sill, 12 East Pleasant St., archt. J. R. Pope, 542 5th Ave. New York City, associated archt. Noted Feb. 4.

Ga., Atlanta—SCHOOLS—Voted $3,500,000 bonds, school buildings and equipment. W. Sims, mayor. Noted Feb. 25.

Fla., Ft. Lauderdale — CHURCH — First Methodist Church having plans prepared by T. D. McLaughlin, Ft. Lauderdale, church in Rio Vista Isles at El Vado St. $200,000.

La., Shreveport — ADMINISTRATION — M. E. Dodd Foundation, having plans prepared by C. W. King, Shreveport, administration building for Girls Junior College, Ockley Dr. $200,000.

Tenn., Chattanooga—SCHOOLS—Hamilton Co. plans election $350,000 bonds, new schools, additions and annexes to present buildings. S. Conner, Court House, co. judge. Engineer and architect not selected.

Ky., Murray—SCHOOL—Murray State Normal School having preliminary plans prepared 3 story and basement, 80 x 170 ft., rein.-con. and brick, plain foundation, on campus. $225,000. J. Carr, pres. Engineer and architect not announced.

Ky., Vanceburg—HIGH SCHOOL—Bd. Educ. having plans prepared by De Voss & Donaldson, Portsmouth, O., 2 story and basement, brick and concrete high school. $200,000.

O., Cincinnati — CHURCH — St. Cecilia Catholic Church, Taylor Ave., having plans prepared by Crowe & Schulte, 2436 Reading Rd., 2 story and basement, 60 x 157 ft., rein.-con. and stone, plain foundation, Madison Rd. $300,000.

O., Cincinnati — GYMNASIUM — St. Xavier College, Victory Blvd., having plans prepared by J. G. Steinkamp & Bro., 1212 Mercantile Library, 1 story and basement, 220 x 250 ft., rein.-con. and brick, Victory Blvd. $250,000. Lieberman & Hein, Chicago, Ill., engrs.

O., Columbus—SCHOOLS—Bd. Educ., E. L. McCune, clk., 207 East State St., having plans prepared by H. D. Smith, 207 East State St., Junior High School, 3 story and boiler room, 150 x 180 ft., brick and concrete, Dresden Ave., $450,000, and Junior and Senior High School, 3 story and boiler room, 200 x 280 ft., stone and brick, Powell Ave., $795,000; also had plans prepared by above architect, 2 story and boiler room, 150 x 170 ft., stone and brick, McGuffey Pike, $185,000.

O., Kent—LIBRARY—Bd. Trustees Kent State Normal School, W. A. Kluff, secy., having plans prepared by Ronan & Ingleson, 1614½ North High St., Columbus, 2 story and basement, 100 x 100 ft., stone and concrete library. $250,000.

Ind., McCordsville — SCHOOL — School Trustees having plans prepared by Henkel & Hanson, Connersville, 2 story and basement, brick and steel school, $150,000. Bevington & Williams, 524 Knights of Pythias Bldg., Indianapolis, engrs.

Ind., Richmond — SCHOOL — Bd. City Trustees having plans prepared by Perkins & Hamilton, 814 Tower Court, Chicago, Ill., brick and steel school. $250,000.

Wis., Fort Atkinson—HIGH SCHOOL—Bd. Educ., c/o J. F. Schreiner, secy., having plans prepared by Parkinson & Dockendoorff, Linker Bldg., La Crosse, Junior High School, 2 story and basement, brick, tile and concrete, plain foundation. $150,000. Noted Mar. 25.

Ia., Ottumwa—CHURCH—C. P. Shockley, archt., 719 Black Bldg., Waterloo, soon lets contract 1 and 3 story, 45 x 110 ft. rein.-con., brick, steel and stone, plain foundation, here, for First Presbyterian Church. $170,000. Noted Oct. 29.

Minn., Duluth — HIGH SCHOOL — Bd. Educ., C. Bronson, secy., soon takes bids 3 story and basement, 66 x 260 ft. with 65 x 235 ft. auditorium wing and 76 x 165 ft. gymnasium, rein.-con., brick and tile, 29th Ave. E. $470,000. C. W. Kelly, 505 Lonsdale Bldg., archt. and engr.

Neb., Lincoln — HIGH SCHOOL — Bd. Educ., c/o J. G. Ludlam, secy., had preliminary plans prepared brick and stone addition, 525 South 13th St. $225,000.

Ark., Fayetteville—COLLEGE—University of Arkansas takes bids about Apr. 10, Engineering Building, 3 story, 88 x 216 ft., and Agricultural Building, 58 x 256 ft., concrete, brick and terra cotta, on campus. $650,000. Jamieson & Spearal, Arcade Bldg., St. Louis, Mo., and H. R. Burke, 307 Southern Trust Bldg., Little Rock, archts. Noted Dec. 17.

Mo., Kansas City—NURSES HOME—Research Hospital having plans prepared by J. G. Bracklein, 220 Kresge Bldg., 4 story and basement, 80 x 140 ft., rein.-con., brick and terra cotta nurses home. $150,000.

Mo., Lexington — SCHOOL — Bd. Educ., c/o Secretary, soon takes bids 3 story, brick, concrete and stone high school. $180,000. J. H. Felt & Co., 300 West 47th St., Kansas City, archts. Noted Dec. 31.

Mo., St. Louis—NURSES HOME—Barnes Hospital and Washington University, 600 South Kingshighway, having plans prepared by W. T. Trueblood & H. G. Graf, Chemical Bldg., 11 story and basement, 55 x 58 x 103 ft., rein.-con., brick, steel and stone, Kingshighway at Forest Park.

Tex., Dallas—SCHOOL—Bd. Educ., C. M. Moare, secy., having preliminary plans prepared by T. J. Galbraith, 517 Slaughter Bldg., 2 story and basement, rein.-con., brick and stone school. $150,000.

Tex., Eastland—SCHOOL—Bd. Educ., J. H. Carton, plans rein.-con., brick and stone school. $200,000. D. S. Castle Co., 701 Alexander Bldg., Abilene, archts.

Tex., San Antonio—CHURCH—Baptist Temple, c/o J. L. Yelvington, pastor, 911 St. Anthony St., plans 2 story church, Gevers and Drexel Aves. $150,000. J. W. Conger, 711 Rigsby Ave., chn. building com.

Tex., Texarkana—COLLEGE—Bd. Educ., c/o W. H. Stilmell, Texarkana, having plans prepared by Witt, Seibert & Halsey, c/o Texarkana Natl. Bank Bldg., for Junior College, 2 story and basement, rein.-con. and brick, plain foundation. $150,000.

Calif., Fresno — SCHOOL — Convent of Holy Cross having plans prepared by E. G. Martin, 520 Citizens Natl. Bank Bldg., Los Angeles, group building for Catholic Girls School, steel and rein.-con., 5 mi. west of here. $500,000 will be expended at this time. Total $1,000,000.

Calif., Los Angeles—SCHOOL—Bd. Educ. soon takes bids Riis School, 1 and 2 story, brick, 69th St. near Main St. $200,000 or more. Dodd & Richards, Bracks-Shops Bldg., archts.

Calif., San Diego—NURSES HOME—Mercy Hospital had plans prepared by I. E. Loveless, Commonwealth Bldg., 4 story, 95 x 150 ft. nurses home.

Calif., San Pedro—SCHOOL—Los Angeles Bd. Educ. had plans prepared by E. C. and E. W. Taylor, 810 West 6th St., Los Angeles, 2 story and basement, 91 x 243 ft. grammar school, Cabrillo Ave., here. $150,000.

Calif., San Rafael — COLLEGE — Marin Co. plans election bonds to exceed $150,000, Junior College buildings.

Calif., Stockton—CHURCH—First Congregational Church plans fireproof, on 150 x 200 ft. site, Willow and Madison Sts. $150,000.

Ont., Toronto—LIBRARY—Pub. Library Bd., 226 College St., plans 2 story, rein.-con., brick and steel, plain foundation, College and St. George Sts. $260,000. Wickson & Gregg, Temple Bldg., and A. H. Chapman, Northern Ontario Bldg., archts. Noted Feb. 11.

Que., Nicolet — COLLEGE — Roman Catholic Church, M. A. Bourgeois, plans 4 story, 100 x 100 ft. college. $300,000 funds being subscribed. Engineer and architect not selected.

Buildings—Educational, Religious (Cont.)

Que., Shawinigan Falls — CHURCH — Roman Catholic Church, M. E. Cloutier, curate, plans St. Peters Church 100 x 200 ft., rein.-con., steel and stone. $175,000. Engineer and architect not selected.

Bids Desired

R. I., Providence—SCHOOL—Apr. 12, by City, Com. Pub. Buildings, City Hall, 2 and 3 story, 86 x 104 ft., and 70 x 190 ft., rein.-con., brick and steel additions, plain foundations. America St. $1,000,000. W. E. Hartwell, City Hall, archt.

N. Y., Corning — HIGH SCHOOL — Apr. 28 (extended date), by Bd. Educ., D. Gilbert, secy., Northside High School, brick, steel and stone, plain foundation, for Union Free High School Dist. 13. Palmer Rogers, 101 Park Ave., New York City, archt. Noted Mar. 18.

N. Y., Montrose—HIGH SCHOOL—Apr. 19, by Union Dist. 6 Bd. Educ., brick, steel and stone, plain foundation. $325,000. Knappe & Morris, 171 Madison Ave., New York City, engrs. and archts.

N. Y., New York—HIGH SCHOOL—Apr. 27, by W. H. Gompert, supt. School Buildings, Flatbush Ave. extension and Concord St., Brooklyn, Theodore Roosevelt High School, East Fordham Rd. and Bathgate Ave., here, for Bd. Educ., 500 Park Ave.

N. Y., Richmond Hill (Ind. br. Jamaica) —SCHOOL—Apr. 21, by W. H. Gompert, supt. School Buildings, Flatbush Ave. extension and Concord St., Brooklyn, P. S. 124, Stanley and Blackstone Aves., here, for Bd. Educ., 500 Park Ave., New York City.

N. Y., Pelham (Ind. br. New York), **N. Y.** —SCHOOL—Apr. 22, by Bd. Educ., 2 story, 50 x 100 ft., brick, steel and stone, plain foundation. $300,000. Starrett & Van Vleck, 393 7th Ave., New York City, engrs. and archts. Noted Jan. 14.

La., Abbeville—HIGH SCHOOL—Apr. 23, by Vermillion Parish School Bd., Courthouse, 2 story, brick high school.

O., Greenville—SCHOOL—Apr. 22, by J. W. Pearce, clk., Butler Twp. Rural School Dist., Darke Co. R. R. 1, 2 story, rein.-con. and brick, plain foundation, near here. $175,000. Walker & Norwick, Amer. Bldg., Dayton, archts.

Ia., Decorah—GYMNASIUM—Apr. 13, by Luther College, 2 story and basement, 100 x 120 ft., rein.-con., steel and stone gymnasium. $175,000. Hansen & Altfillisch, Decorah, archt. Noted Jan. 21.

Ia., Des Moines—CHURCH—Apr. 20, by Dougher, Rich & Woodburn, archts. and engrs., 806 Valley Natl. Bank Bldg., 3 story, 185 x 191 ft., rein.-con. and steel, plain foundation, 41st St. and Ingersoll Ave., for Plymouth Congregational Church. $300,000. Noted Mar. 25.

Minn., Minneapolis—SCHOOL—Apr. 23, by Bd. Educ., 305 City Hall, 2 story and basement, rein.-con., brick and stone, 50th St. and Humboldt Ave. S. $195,000. Architectural Dept. of Owner, archts.

Kan., Lawrence — AUDITORIUM — Apr. 20 (extended date), by C. D. Cuthbert, state archt., State Capitol Bldg., Topeka, 1 story and basement, 135 x 180 ft., steel, plain foundation, here, for State University of Kansas. $250,000. Noted Mar. 25.

Neb., Seward — REFECTORY — Apr. 15, by Local Bd. Directors, Teachers Seminary of Evangelical Lutheran Seminary of Missouri, Ohio and other states, at Seward, refectory building, here. To exceed $150,000. A. D. Baker, Grand Island, archt.

Mo., Kansas City—HIGH SCHOOL—Bd. Educ. taking bids rein.-con., brick and stone addition to Southwest High School. $350,000. C. A. Smith, 800 Finance Bldg., archt.

Calif., Beverly Hills — SCHOOL — Bd. Trustees Beverly Hills School Dist., taking bids, 2 story and basement, rein.-con. school. To exceed $150,000. Gable & Wyant, 634 South Western Ave., Los Angeles, archt. Noted Feb. 11.

Calif., Los Angeles — GARAGE — See "Contracts Awarded."

Que., Sherbrooke—SCHOOL—Apr. 15, by L. N. Audet, 30 Wellington St. N., 4 story, 60 x 200 ft., rein.-con. and brick. Marquette St., for Sister St. Famille. $600,000. Noted Apr. 24, 1924.

Bids Received

N. J., Nutley (br. Newark) — HIGH SCHOOL—Bd. Educ., Park School Bldg., Franklin Ave., Mar. 26, high school, Franklin Ave., from T. M. Day & Sons, Fitz-Charles Bldg., Trenton, $503,983. Noted Mar. 11.

Neb., Omaha—SCHOOL—Bd. Educ., M. E. Bird, secy., general contract 2 story and basement school, 45th and Hamilton Sts., from A. Borchman Sons, 4205 Lake St., $132,000; heating, plumbing, etc., from Interstate Heating & Plumbing Co., 1914 Farnam St., $29,200.

Calif., Los Angeles—COLLEGE—A. C. Martin, archt., Higgins Bldg., general contract 2 story, 120 x 250 ft., rein.-con. and brick, 3rd and Detroit Sts., from Sumner-Sollitt Co., Delta Bldg., for Roman Catholic Archbishop of Los Angeles. $239,700. Noted Mar. 18.

Calif., Los Angeles—HIGH SCHOOL—Bd. Educ., Horace Mann Junior High School, part 1, 2 and 3 story, 180 x 527 ft. main construction, and 75 x 150 ft. shop, rein.-con., from C. P. Day Corp., Boston Bldg., Pasadena, $267,655. Noted Apr. 1.

Contracts Awarded

Mass., Allston (Boston P. O.)—SCHOOL —City, Schoolhouse Dept., Boston, Auburn School, 1 story and basement, stone and granite, Thomas Gardner Dist., to J. Rugo, 80 Boylston St., Boston. Archts. est. $150,000.

Mass., Medford (Boston P. O.)—DORMITORY—Tufts College, S. Robbins, chn., 20 Pemberton Sq., Boston, 3 story and basement, 110 x 125 ft., brick and limestone, plain foundation, College Grounds, to J. Driscoll & Sons Co., 94 Washington St., Brookline. Archts. est. $200,000. Noted Mar. 25.

Mass., Somerville (Boston P. O.) — SCHOOL—St. Catherine's Roman Catholic Church, J. J. O'Brien, 2 story and basement, 70 x 135 ft., brick and stone, Summer St., Spring Hill Sect., to F. S. Shannan, 11 Beacon St., Boston. Archts. est. $150,000.

Pa., Pittsburgh — CHURCH — German Lutheran Church, 205 South Neville St., general contract 2 story and basement, irregularly shaped, brick and stone, Neville St., to E. A. Wehr, Highland Bldg. Archts. est. $400,000. Noted Oct. 22.

La., Plaquemine — CHURCH — St. John the Evangelist, Catholic Church, G. Bosch, pastor, general contract 2 story and tower, 74 x 210 ft., brick, steel and stone, to J. V. and R. T. Burkes, Carondelet Bldg., New Orleans. Archts. est. $300,000. Noted Sept. 24.

O., Ashtabula — HIGH SCHOOL — Bd. Educ., general contract 3 story and basement, brick, steel and concrete, to Payne & Beymer, Painesville, $750,000. Noted Mar. 25.

O., Kent — TRAINING SCHOOL — Kent State Normal School, 3 story and basement, 65 x 274 ft., rein.-con., brick and steel, to V. W. Surber, 109 North Union St., Akron, $264,000. Noted Mar. 18.

O., Madisonville — CHURCH — Madisonville Methodist Episcopal Church, 3 story and basement, rein.-con. and stone, plain foundation, Madison Rd., to Weber-Bell Co., Townsend St., Cincinnati, $185,000.

O., Oakharbor — CHURCH — Corbusier, Lenski & Foster, archts., B. F. Keith Bldg., 1 story and basement, 56 x 140 ft., brick, to Boldt Constr. Co., 1969 East 70th St., Cleveland, here, for St. Johns Lutheran Church, B. F. Brandt, pastor. Archts. est. $150,000. Noted Feb. 25.

Ind., Fowler — SCHOOL — L. Gunnels, Trustees and Advisory Com. Center School Twp. Benton Co., 1st Natl. Bank Bldg., 2 story and basement, brick and stone school, to Medland Bros., Logansport. Archts. est. $150,000. Noted Mar. 11.

Ind., Greensburg — CHURCH — First Methodist Church, A. Whitman, pastor, 311 North Bway., general contract brick and steel church, to Dunlap & Co., Columbus. Archts. est. $150,000.

Ind., Mishawaka—SCHOOL—Bd. School Trustees, general contract 2 story, 112 x 162 ft., brick and stone school, to Smoger Lumber Co., 501 Carlisle St. Archts. est. $160,000. Noted Jan. 21.

Minn., Duluth—SCHOOL—C. A. Bronson, secy. Bd. Educ., 226 North 1st Ave., general contract 2 story, 71 x 125 ft., rein.-con. and brick addition, 1st St. and 1st Ave. E., to G. H. Lounsberry, 322 East Superior St., $179,915. Noted Mar. 18.

Tex., Denton—LIBRARY—College of Industrial Arts, c/o Superintendent, for Bradley Memorial Library, 2 story and sub-basement, to Hanger & Chambers, Denton, $121,680. Noted Aug. 20.

Tex., Ft. Worth—SCHOOL—Bd. Educ., c/o E. A. Corbett, chn. W. T. Waggoner Bldg., Carroll Peak School, 2 story and basement, 62 x 258 ft., brick, rein.-con. and steel, to Butcher & Sweeney, 806½ Taylor St., $138,456.

Calif., Glendale — CHURCH — First Church of Christ Science, general contract 2 story, 110 x 139 ft., brick, South Central Ave., to Meyer & Holler, Wright-Callendar Bldg., Los Angeles, $175,000.

Calif., Los Angeles — CHURCH — A. C. Martin, archt., Higgins Bldg., 3 story, 120 x 250 ft., rein.-con. and brick, 3rd and Detroit Sts., to Sumner-Sollitt Co., Delta Bldg., for Roman Catholic Archbishop of Los Angeles. $239,700. Noted Mar. 18.

Calif., Los Angeles — SCHOOL — Bd. Educ., general contract Wiggins Trade School, 2 story, 120 x 250 ft. and one 10 story, 97 x 115 ft., rein.-con., to [illegible] E. Warne Rivers-Strong Bldg., $[illegible]. Noted Mar. 18.

Calif., San Francisco — SCHOOL — Bd. Pub. Wks., general contract, West Portal School, fireproof, Taraval St., to O. Monson, 251 Kearny St., for City and San Francisco Co. $142,840. Noted Mar. 18.

Calif., Ventura — HIGH SCHOOL — Ventura Union High School Dist., 2 story, rein.-con., to C. P. Day Corp., Boston Bldg., Pasadena, $176,350. Noted Mar. 11.

Federal Government Work

Proposed Work

Mass., Boston—Pier Fenders—Emergency Fleet Corp., Terminal Dept., Wash., D. C., having plans prepared pier fenders, here.

D. C., Wash.—Hospital—U. S. Veterans Bureau, Arlington Bldg., having plans prepared reconstructing 6 buildings at Walter Reed Hospital. $2,000,000.

Bids Desired

Mass., Chelsea—Quarters—Spec. 5168—Apr. 28, by Bureau Yards & Docks, Navy Dept., Wash., D. C., 2 double quarters, concrete, brick, and steel, at U. S. Naval Hospital, here. L. E. Gregory, ch. Bureau; adv. E. N.-R. Apr. 8. Noted Mar. 11.

N. J., Dix—Reservoir—Apr. 15, by Quartermaster, Camp Dix, 75,000 gal. concrete reservoir, at Camp Dix; adv. E. N.-R. Apr. 8.

Pa., Phila.—Gate Buildings—Spec. 5196—Apr. 23, by Bureau Yards & Docks, Navy Dept., Wash., D. C., 2 gate buildings, at Navy Yard, here. L. E. Gregory, ch. of Bureau; adv. E. N.-R. Apr. 8.

D. C., Wash.—Remodeling—Apr. 22, by Treas. Dept. at office Supervising Archt., Wash., D. C., remodeling U. S. Courthouse, here.

D. C., Wash.—Power Plant—May 4, by U. S. Engineer Office, 1068 Navy Dept. Bldg., power plant for Dist. of Columbia water supply; adv. E. N.-R. Apr. 8.

Miss., Gulfport—Fill—Apr. 20, by U. S. Veterans Bureau, Arlington Bldg., Wash., D. C., sand fill at U. S. Veterans Hospital, here.

Ky., Louisville—Wicket Irons, etc.—Apr. 21, by U. S. Engineers Office, Post Office Box 72, wicket irons, horses and props, for Dam 51, Ohio River; adv. E. N.-R. Apr. 8.

Nevada—Road—Apr. 21, by C. H. Sweetser, dist. engr. U. S. Bureau Roads Dept. Agriculture, 9 Main St., San Francisco, Calif., grading, etc., 9.68 mi. Austin-East Section Forest Road Project, here.

Idaho — Apr. 13, by B. J. Finch, dist. engr., 403 Kiesel Bldg., Ogden, Utah, improving Payette Highway, or McCall-New Meadows, Sect. 2, National Forest Road Project, in Idaho Natl. Forest, Adams Co., here.

Calif., San Francisco—Steel—Apr. 20, by L. I. Hewes, deputy ch. engr. Bureau Pub. Roads, U. S. Dept. Agriculture, 9 Main St., approximately 910,000 lb. structural steel, steel and iron castings, etc.; adv. E. N.-R. Apr. 8.

Bids Received

Mass., Lynn—Remodeling—Treas. Dept., at office Supervising Archt., Wash., D. C., Mar. 31, remodeling U. S. Post Office, here, from S. Pasquale, 8 Bartlett Pl., Boston, $14,950. Noted Mar. 11.

Pa., McKeesport — Remodeling — Treas. Dept. at office Supervising Archt., Wash., D. C., Apr. 1, remodeling U. S. Post Office, here, from Landes Constr. Co., Charlestown, W. Va., $5,400. Noted Mar. 18.

Ky., Louisville—Wicket Irons, etc.—U. S. Engineer Office, P. O. Box 72, Mar. 16, wicket irons, from Pittsburgh Trolley & Forge Co., 117 Water St., Pittsburgh, Pa., $10,340; and horses, props, etc., from Amer. Car & Fdry. Co., 4th and Missouri Sts., Jeffersonville, Ind., $22,950. Noted Mar. 4.

O., Lorain—Vestibule—Treas. Dept., at office Supervising Archt., Wash., D. C., Mar. 29, mail vestibule, etc., here, from W. A. Steane, Lorain, $3,960. Noted Mar. 11.

Wis., Milwaukee — Foundation Pier — Supt. Lighthouses, Mar. 31, from Vulcan Mfg. Co., 490 North Main St., Fond du Lac, 197,000 lb. reinforcing for foundation pier at Milwaukee North Breakwater, $2.50 per 100 lbs. straight, and $2.90 per 100 lb. bent. Noted Mar. 18.

Mo., St. Louis—Barges—U. S. Engineers Office, 428 Customhouse, Mar. 31, 20 small steel barges for use St. Louis Div., U. S. Eng. Corps., from Dravo Constr. Co., Neville Island, Pittsburgh, Pa., $49,600. Noted Mar. 11.

Federal Government Work (Continued)

Contracts Awarded

N. Y., Northport — Deep Well — U. S. Veterans Bureau, Arlington Bldg., Wash., D. C., well, 200 ft. deep, at proposed U. S. Veterans Hospital, here, to A. J. Connolly, Jr., 100 South 10th St., Newark, N. J., $3,900, etc. Noted Mar. 11.

O., Lima—Vestibule, etc.—Treas. Dept. at office Supervising Archt., Wash., D. C., vestibule, etc., here, to Green & Sawyer, Lima, $4,000. Noted Mar. 11.

Wis., Milwaukee—Cement—U. S. Engineers Office, Mar. 30, 4,800 bbl. Portland cement, to H. Scheele, 712 North 8th St., Sheboygan, $10,464. Noted Mar. 25.

Unclassified

Proposed Work

Playground — Brighton (Boston P. O.), **Mass.** — City, Schoolhouse Dept., Boston, plans improving Rogers Park Playground, here. $45,000. J. H. Mahoney, chn.

Lighting System—Jamaica Plain (Boston P. O.), **Mass.**—City, Dept. Pub. Wks., Boston, plans Great White Way lighting system along Green St., here, which is main thoroughfare between Dorchester, Roxbury and Brookline. To exceed $25,000. J. H. Sullivan, comr.

Bleachers — Roxbury (Boston P. O.), **Mass.** — City, Park Dept., 33 Beacon St., Boston, J. B. Shea, comr., plans concrete bleachers, Randolf St. Playground, here. $75,000. Private plans.

Coal Handling Plant—Somerville (Boston P. O.), **Mass.**—Wellington Coal Co., E. H. Wellington, pres., 211 Bridge St., East Cambridge, plans coal handling plant, here. $40,000 or more. Private plans.

Transmission Lines, etc.—North Carolina and South Carolina — Carolina Power & Light Co., Raleigh, P. A. Tillery, vice-pres. and genl. mgr., plans extensive developments, incl. large mileage transmission lines, substations, etc., here.

Power Line—North Carolina—Virginia Electric & Power Co., Richmond, Va., plans power line from Roanoke Rapids, to Rocky Mount, here, and probably several other neighboring cities and towns. L. C. Bradley, Richmond, Va., pres.

Fire Alarm System—Fort Myers, Fla.—Voted $125,000 bonds, improving fire alarm system, etc.

Playgrounds—Fort Myers, Fla.—Voted $225,000 bonds, playgrounds and equipment for same.

Transmission Lines, etc. — Tennessee — Southern Cities Power Co., Chattanooga, plans transmission lines and electric power plants, Waynesboro, Savannah, Clifton, Collinwood and Chattanooga. To exceed $25,000.

Electric Transmission Line—Tennessee—Tennessee Electric Power Co., 540 Market St., Chattanooga, made preliminary plans 45 mi. 33,000 volt electric high line from Sparta to Monterey via Algood; and 30 mi. line from Sparta to Crossville and a distribution system at Crossville. $45,000 each. L. C. Parks, Alberta Apts., Chattanooga, engr.

Bus Terminal—Knoxville, Tenn.—Southern Motor Coach Co. plans modern bus terminal, probably concrete and steel. $50,000. Engineer and architect not selected.

Boiler House—Columbus, O.—See "Buildings—Educational, Religious."

Golf Course — Janesville, Wis. — Janesville Country Club, Magnolia Ave., plans golf course, here. $30,000. Engineer not selected.

Athletic Field, Stadium, etc.—St. Louis, Mo.—St. Louis University, Grand and West Pine Blvds., purchased 11 acre tract and plans athletic field stadium, running track, etc., Oakland St. between Mackland Ave. and River Des Peres.

Swimming Pool — St. Louis, Mo. — See "Buildings—Commercial."

Transmission Line—Texas—Crystal City Electric Light & Ice Co., plans 30 mi. line from Crystal City to Spur. $30,000. Private plans.

Stone Plant, etc.—Callado, Tex.—Mitholic Co., A. F. Fisher, soon takes bids 500 ton stone plant and 6 mi. railway line. $200,000. Private plans.

Natatorium — Beverly Hills, Calif. — Beverly Hills Sulphur Bath Co., having plans prepared by B. J. Bloser, Citizens Natl. Bank Bldg., Los Angeles, 1 and part 2 story, 100 x 190 ft. natatorium incl. 65 x 170 ft. tile lined swimming pool, here. To exceed $40,000.

Police Alarm System—Glendale, Calif.—Plans election $100,000 bonds, police and fire alarm system.

Lighting System—Maywood, Calif.—See "Streets and Roads."

Park, etc. — Santa Ana, Calif. — Plans election $250,000 bonds, park and equipment.

Bids Desired

Lighting System—Oakhurst, N. J.—Apr. 15, by Ocean Twp., Mechanics Hall, G. E. Van Note, chn., ornamental lighting system on Edgmont Ave., at Lock Arbour, here. J. W. Seaman, 210 Bway., Long Branch, civil engr.; adv. E. N.-R. Apr. 8.

Retaining Wall—Indianapolis, Ind.—See "Streets and Roads."

Gas Holder—Beaver Dam, Wis.—Wisconsin Power & Light Co., 16 North Carroll St., Madison, taking bids gas holder, 200,000 cu.ft. capacity. E. J. Kallevang, c/o owner, engr.

Culverts — Cedar Rapids, Ia. — See "Bridges."

Culverts — Marshalltown, Ia. — See "Bridges."

Culverts—Nevada, Ia.—See "Bridges."

Silos—St. Louis, Mo.—See "Contracts Awarded."

Storage Tanks—Los Angeles, Calif.—See "Contracts Awarded."

Tunnel — Oakland, Calif. — May 14, by East Bay Municipal Utility Dist., Ray Bldg., 1924 Bway., constructing Claremont tunnel, portion of East Bay Aqueduct of Modelumne River Project. J. H. Kimball, secy.; adv. E. N.-R. Apr. 8. Noted Mar. 25.

Transmission Line—L'Ile d'Orleans, Que.—See "Contracts Awarded."

Elevators — Regina, Sask. — Apr. 15, by Saskatchewan Pool Elevators, Ltd., Sherwod Bldg., constructing thirty 32,000 bu. capacity elevators. $400,000.

Bids Received

Swimming Pool — South Lawrence (mail Lawrence) **Mass.** — City of Lawrence, J. M. Flanagan, chn., swimming pool, here, from W. J. Delaney, 283 Essex St., $53,522. Engrs. est. $55,000. Noted Mar. 25.

Signal Tower—New York—Bd. Transportation, J. H. Delaney, chn., 49 Lafayette St., New York City, Apr. 5, interlocking signal tower at New Utrecht Ave. and 62nd St., Brooklyn, also sewer and water connections in various locations of Rapid Transit R.R. in Boros Brooklyn, Manhattan, Bronx and Queens, from Ascher Eng. & Constr. Co., 1757 Bway., New York City, $18,295. Noted Mar. 25.

Stable, etc. — Brooklyn, N. Y. — Armory Bd., J. B. Trainer, secy., City Hall, New York City, Apr. 1, additional stables and storage accomodation at armory of 101st Cavalry, 1579 Bedford Ave., here, from Eastern Constr. Co., 110 West 40th St., New York City, $95,900. Noted Mar. 25.

Contracts Awarded

Subway—Buffalo, N. Y.—New York Central R.R. Co., 466 Lexington Ave., New York City, subway extension in William St., here, to J. Johnson Co., 765 Abbott Rd., $125,000.

Tunnel—Pattenburg, N. J.—Lehigh Valley R.R. Co., 143 Liberty St., New York City, 2 track tunnel, here, to Bates & Rogers Constr. Co., 37 West Van Buren St., Chicago, Ill. Engrs. est. $1,500,000.

Athletic Track—Alexandria, La.—Constructing athletic cinder track, also roadway, parkway, sidewalks grading grounds, etc., at Bolton High School, to Caldwell Bros., 816 Howard St., New Orleans, $37,062; tile drainage and laying water pipe, to Brasheur, Alexandria, $7,000.

Signals—Mississippi and Tennessee—Mobile & Ohio R.R. Co., Fullerton Bldg., Kansas City, Mo., 83 a.c. automatic color light signals between Corinth, Miss., and Jackson, Tenn., to General Railway Signal Co., Ry. Exch. Bldg., St. Louis, Mo. Engrs. est. $200,000.

Silo and Shop — Detroit, Mich. — Dept. Pub. Wks., 44 ft. diam. silo, 87½ ft. high, and 1 story, 37 x 37 ft. shop, at asphalt plant, Western Yard, Lynch and French Rds., to J. L. Beecher Co., 8014 Grand River Ave., $25,065. Noted Mar. 11.

Cinder, Coal and Sand Plant—Peoria, Ill.—Peoria & Pekin Union Ry. Co., Peoria, E. I. Rogers, ch. engr., one 500 ton capacity rein.-con. 3 track Simplex automatic electrically operated roller skip hoist type coal and sanding plant, and 2 N & W type electric cinder plants with selective control, etc. for handling cinders from 6 locomotives at one time, to Roberts & Schaefer Co., Wrigley Bldg., Chicago.

Silos — Milwaukee, Wis. — Manitowoc Portland Cement Co., Manitowoc, two 26 ft. diam. x 90 ft. high, rein.-con. cement storage silos, 16th Ave. and Burnham Canal, to H. Schmidt & Son, 14 Burleigh St. $40,000.

Transmission Line — Missouri — Missouri Edison Co., Louisiana, approximately 80 mi. power transmission lines radiating from Louisiana, to Connor Constr. Co., 348 Ohio Ave., Wichita, Kan.

Silos—St. Louis, Mo.—Donk Bros. Coal & Coke Co., 314 North 4th St., will build twenty-two rein.-con. silos for sand and gravel storage; also 3 story, 45 x 170 ft., brick and concrete office building, by day labor. $75,000. Private plans.

Penstocks etc. — California — Feather River Power Co., Hobart Bldg., San Francisco 3,500 tons steel penstocks in connection with Bucks Creek power project on Feather River, Plumas Co., to Western Pipe & Steel Co., 444 Market St., San Francisco, approximately $750,000; also equipment for power plant and substation for above, to General Electric Co., Rialto Bldg., San Francisco, and Pelton Water Wheel Co., 2919 19th St., San Francisco, approximately $1,000,000.

Storage Tanks — Los Angeles, Calif. — Union Oil Co. will build 4 steel oil storage tanks, 1501 Wilmington and San Pedro Sts., by day labor. $140,000.

Transmission Line—L'Ile d'Orleans, Que.—Cie Montmorency Electric Ltd., Quebec, will build 10 mi. electric transmission line, here, by own forces. $125,000.

Swimming Pool—Honolulu, T. H.—See "Buildings—Commercial."

Materials

Bids Desired

Asphalt, etc.—Newton, N. J.—Apr. 20, by Bd. Freeholders Sussex Co., asphalt, tar, gravel, etc., for various roads. H. Snook, Newton, co. engr.; adv. E. N.-R. Apr. 8.

Timber—New Orleans, La.—Apr. 13, by Bd. Port Comrs., 200 New Court House Bldg., approximately 985,000 ft. creosoted timber. T. S. McChesney, assistant genl. mgr.

Pipe, etc. — Crowley, La. — Apr. 13, by Police Jury Acadia Parish, 5 cars 12- to 14-in. concrete pipe, delivered one each, here and at Rayne, Church Point, Iota, and Morse; 4 cars treated creosoted lumber, 2 x 12, 3 x8 and 8 x 8 ft., 20 ft. long, 2 x 10, 12 to 20-ft. long, 2 x 6, 14 ft. long, piling, etc. delivered here and at Rayne, Church Point and Iota. J. E. Doigle, clk.

Cement—Indianapolis, Ind.—State Hy. Dept., J. D. Williams, dir., State House, taking bids 1,000,000 bbl. cement, $2,400,000.

Road Oil—Williamsfield, Ill.—Truro Twp. taking bids furnishing and spreading 10,000 gal. road oil on roads. W. H. Machin, highway comr.

Road Oil — Williamsfield, Ill. — Taking bids furnishing and spreading 2 car loads road oil on various streets. W. Cotton, mayor.

Binder Stone or Gravel — Minneapolis, Minn.—Apr. 12, by F. S. Gram, city purch. agt., 4,110 cu.yd. binder stone or gravel. $6,200. N. W. Elsberg, city engr.

Road Oil—Minneapolis, Minn.—Apr. 19, by F. S. Gram, city purch. agt., 2,500,000 gal. road oil for Dept. Engineering. N. W. Elsberg, city engr. Noted Mar. 11.

Contracts Awarded

Conduit—Baltimore, Md.—Bd. Awards, virt. clay conduit for Bureau Mechanical-Electrical Service for 1926, to Graybar Electric Co., 106 South St., $0.104 per ft. Noted Feb. 25.

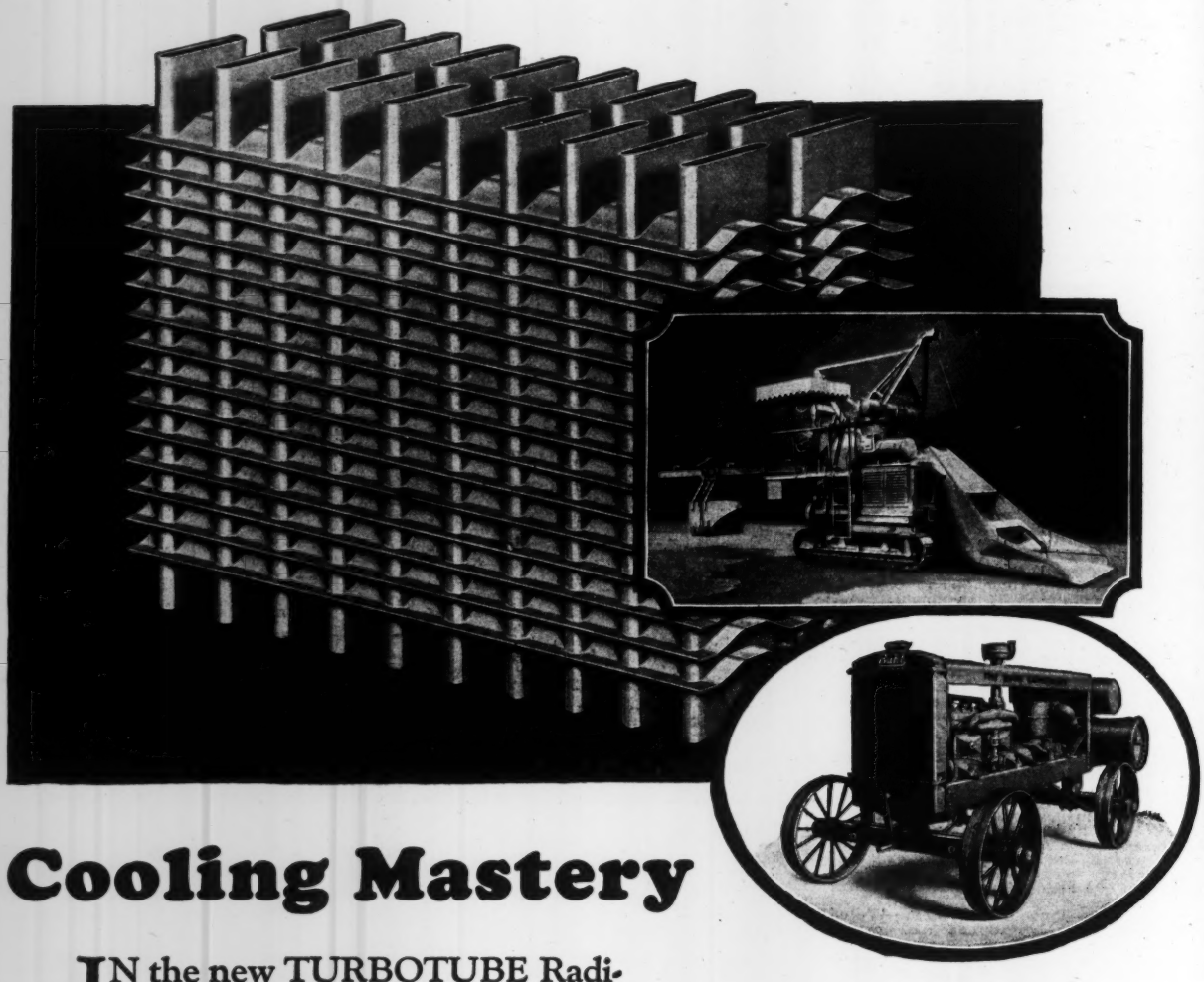
Steel Pipe — Chicago, Ill. — Dept. Pub. Wks., Mar. 25, Room 406, City Hall, 4,800 ft. 18 in. steel pipe in 20 ft. lengths, by truck, to Frank-Orleans St. Bridge, from Chicago Metal Mfg. Co., 3724 South Rockwell St., at $25.50.

Road Oil, etc.—Milwaukee, Wis.—Central Bd. Purchases, W. J. Nicholson, ch. buyer. Specifications 1 and 2, to Texas Co., 10 South La Salle St., Chicago, Ill., $18,300; and Specifications 3, 4 and 5, to Amer. Tar Products Co., 208 South La Salle St., Chicago, Ill., $87,430. Noted Mar. 11.

Reinforcing—Minneapolis, Minn.—F. S. Gram, city purch. agt., 385 tons reinforcing, to C. A. P. Turner, 300 Builders Exch. Bldg., $18,126.

Road Oil—St. Louis, Mo.—G. J. Dietz, City Hall, supply comr., 250,000 gal. road oil, to R. J. Brown Petroleum Co., Boatmens Bank Bldg., at $4.64 per gal.; Mexican oil asphalt, to Standard Oil Co., 314 North Jefferson St., $19.37 per ton.

See proposal advertising on page 138, Advertising Section



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IN the new TURBOTUBE Radiator, Modine presents a cooling unit that is master of the job it has to do.

Free, unrestricted water circulation, high cooling capacity, and light weight are combined with new limits of strength in the design and construction of TURBOTUBE.

Upper illustration shows Model 26-E Multi-Foote Road Paver, with Modine Turbotube cooling unit.

The lower illustration is of the Buhl Air Compressor — another heavy duty machine with Turbotube.

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